ELSEVIER

Precambrian Research 100 (2000) 435–514

Precambrian Research

www.elsevier.com/locate/precamres

Author Index

Precambrian Research, Volumes 51–100, 1991–2000

Author Index Volumes 51-100

Abalos, B. see Eguiluz, L. 56(1-2) 113-137: [1992]

Abdel-Rahman, A. F. M. see Meldrum, A. 82(3-4) 265-285: [1997]

Acharyya, A. see Bhattacharya, S. 66(1-4) 393-409: [1994]

Adachi, Mamoru see Sugitani, Kenichiro 80(1-2) 49-76: [1996]

Affaton, Pascal see Attoh, Kodjopa 82(1-2) 153-171: [1997]

Affaton, Pascal, Aguirre, Luis and Menot, René-Pierre Thermal and geodynamic setting of the Buem volcanic rocks near Tiele, Northwest Benin, West Africa 82(3-4) 191-209: [1997]

Agar, R. A. The tectono-metallogenic evolution of the Arabian Shield 58(1-4) 169-194: [1992]

Aguirre, Luis see Affaton, Pascal 82(3-4) 191-209: [1997]

Ahall, Karl-Inge, Persson, Per-Olof and Skiold, Torbjorn Westward accretion of the Baltic Shield; implications from the 1.6 Ga Amal-Horred Belt, SW Sweden 70(3-4) 235-251: [1995]

Ahall, Karl-Inge, Cornell, D. H. and Armstrong, R. Ion probe zircon dating of metasedimentary units across the Skagerrak; new constraints for early Mesoproterozoic growth of the Baltic Shield 87(3-4) 117-135: [1998]

Ahall, Karl-Inge and Connelly, Jim Intermittent 1.53-1.13Ga magmatism in western Baltica age constraints and correlations within a postulated supercontinent 92(1) 1-20: [1998]

Ahall, Karl-Inge see Brewer, Tim S. 92(3) 297-315: [1998]

Ahall, Karl-Inge see Christoffel, Catherine A. 98(3-4) 173-195: [1999]

Ahl, M. see Sundblad, K. 64(1-4) 319-335: [1993]

Ahl, M., Sundblad, K. and Schöberg, Hans Geology, geochemistry, age and geotectonic evolution of the Dala granitoids, central Sweden 95(1-2) 147-166: [1999]

Ahmad, Talat and Tarney, John Geochemistry and petrogenesis of late Archaean Aravalli Volcanics, basement enclaves and granitoids, Rajasthan 65(1-4) 1-23: [1994]

Ahrendt, H. see Jacobs, J. 75(3-4) 251-262: [1995]

Aitken, James D. see Narbonne, Guy M. 73(1-4) 101-121: [1995]

Al-Arouri, K., Conaghan, P. J., Walter, M. R., Bischoff, G. C. O. and Grey, K. Reconnaisssance sedimentology and hydrocarbon biomarkers of Ediacarian microbial mats and acritarchs, lower Ungoolya Group, Officer Basin 100(1-3) 235-280: [2000]

Alapieti, Tuomo T. see Vogel, Derek C. 92(2) 89-116: [1998]

Aldiss, D. T. and Carney, J. N. The geology and regional correlation of the Proterozoic Okwa Inlier, western Botswana 56(3-4) 255-274: [1992]

Aleinikoff, John N., Reed, John C., Jr. and Wooden, Joseph L. Lead isotopic evidence for the origin of Paleo- and Mesoproterozoic rocks of the Colorado Province, U.S.A. 63(1-2) 97-122: [1993]

Aleinikoff, John N., Burton, William C., Lyttle, Peter T., Nelson, Arthur E. and Southworth, C. Scott U-Pb geochronology of zircon and monazite from Mesoproterozoic granitic gneisses of the northern Blue Ridge, Virginia and Maryland, USA 99(1-2) 113-146: [2000]

Alene, Mulugeta and Barker, Andrew J. Tectonometamorphic evolution of the Moyale region, southern Ethiopia 62(3) 271-283: [1993]

Alkmim, Fernando F. see Cunningham, W. Dickson 77(1-2) 1-15: [1996]

Alkmim, Fernando F. and Marshak, Stephen Transamazonian Orogeny in the southern Sao Francisco Craton region, Minas Gerais, Brazil; evidence for Paleoproterozoic collision and collapse in the Quadrilatero Ferrifero 90(1-2) 29-58: [1998]

Alkmim, Fernando F. see Cunningham, Dickson 92(3) 251-275: [1998]

Alkmin, Fernando F. see Brueckner, Hannes K. 99(3-4) 255-269: [2000]

Alric, G. see Vidal, M. 65(1-4) 207-229: [1994]

Altermann, Wladyslaw and Halbich, Ingo W. Structural history of the southwestern corner of the Kaapvaal Craton and the adjacent Namaqua realm; new observations and a reappraisal 52(1-2) 133-166: [1991]

Altermann, Wladyslaw and Schopf, J. William Microfossils from the Neoarchean Campbell Group, Griqualand West Sequence of the Transvaal Supergroup, and their paleoenvironmental and evolutionary implications 75(1-2) 65-90: [1995]

Altermann, Wladyslaw Sedimentology, geochemistry and palaeogeographic implications of volcanic rocks in the upper Archaean Campbell Group, western Kaapvaal Craton, South Africa 79(1-2) 73-100: [1996]

Altermann, Wladyslaw see Eriksson, Patrick G. 97(3-4) 137-141: [1999]

Altermann, Wladyslaw (editor) see Eriksson, Patrick G. 97(3-4) 137-323: [1999]

Altermann, Wladyslaw see Nelson, D. R. 97(3-4) 165-189: [1999]

Altermann, Wladyslaw see Eriksson, Patrick G. 97(3-4) 269-302: [1999]

Alves da Silva, Fernando Cesar see Chauvet, A. 84(3-4) 139-162: [1997]

Alviola, R., Johanson, B. S., Ramo, O. Tapani and Vaasjoki, M. The Proterozoic Ahvenisto rapakivi granite-massif-type anorthosite complex, southeastern Finland; petrography and U-Pb chronology 95(1-2) 89-107: [1999]

Amanor, Joe A. see Oberthur, Thomas 89(3-4) 129-143: [1998]

Amard, B. and Bertrand-Sarfati, J. Microfossils in 2000 Ma old cherty stromatolites of the Franceville Group, Gabon 81(3-4) 197-221: [1997]

Amard, Bertrand Ultrastructure of Chuaria (Walcott) Vidal and Ford (Acritarcha) from the late Proterozoic Pendjari Formation, Benin and Burkina-Faso, West Africa 57(1-2) 121-133: [1992]

Amelin, Yu. V., Heaman, L. M. and Semenov, V. S. U-Pb geochronology of layered mafic intrusions in the eastern Baltic Shield; implications for the timing and duration of Paleoproterozoic continental rifting 75(1-2) 31-46: [1995]

Andersen, Tom and Grorud, Hans-Fredrik Age and lead isotope systematics of uranium-enriched cobalt mineralization in the Modum Complex, South Norway; implications for Precambrian crustal evolution in the SW part of the Baltic Shield 91(3-4) 419-432: [1998]

Anderson, J. Lawford see Cullers, Robert L. 62(1-2) 139-169: [1993]

Anderson, J. Lawford see Ekstrom, Harold 70(1-2) 1-24: [1994]

Andersson, Jenny, Soderlund, Ulf, Cornell, David, Johansson, Leif and Moller, Charlotte Sveconorwegian (-Grenvillian) deformation, metamorphism and leucosome formation in SW Sweden, SW Baltic Shield; constraints from a Mesoproterozoic granite intrusion 98(1-2) 151-171: [1999]

Andersson, Ulf B. Granitoid episodes and mafic/felsic magma interaction in the Svecofennian of the Fennoscandian Shield, with main emphasis on the ~1.8 Ga plutonics 51(1-4) 127-149: [1991]

Andreasson, Per-Gunnar and Rodhe, Agnes Kinematics of a major fan-like structure in the eastern part of the Sveconorwegian Orogen, Baltic Shield, south-central Sweden [comment] 78(4) 289-291: [1996]

Anhaeusser, C. R. Structures in granitoid gneisses and associated migmatites close to the granulite boundary of the Limpopo Belt, South Africa 55(1-4) 81-92: [1992]

Anhaeusser, C. R. see Jones, I. M. 61(1-2) 117-136: [1993]

Anhaeusser, C. R. see Kisters, A. F. M. 75(1-2) 1-15: [1995]

Anhaeusser, Carl R. and Hutchinson, Richard W. Desmond Aubrey Pretorius (1925-1998) 97(1-2) 1-2: [1999]

Ansdell, Kevin see Yang, Haiming 92(1) 37-64: [1998]

Ansdell, Kevin M. and Norman, Anthony R. U-Pb geochronology and tectonic development of the southern flank of the Kisseynew Domain, Trans-Hudson Orogen, Canada 72(1-2) 147-167: [1995]

Appel, Peter W. Uitterdijk High bromine contents and low Cl/Br ratios in hydrothermally altered Archaean komatiitic rocks, West Greenland 82(3-4) 177-189: [1997]

Aranovich, L. Ya. see Newton, R. C. 91(1-2) 41-63: [1998]

Araujo, M. G. S. see Archanjo, C. J. 87(1-2) 19-32: [1998]

Archanjo, C. J., Macedo, J. W. P., Galindo, A. C. and Araujo, M. G. S. Brasiliano crustal extension and emplacement fabrics of the mangeritè-charnockite pluton of Umarizal, North-east Brazil 87(1-2) 19-32: [1998]

Arestova, N. A. see Lobach-Zhuchenko, S. B. 92(3) 223-250: [1998]

Armenteros, I. see Ugidos, J. M. 84(3-4) 163-180: [1997]

Armstrong, R. see Ahall, Karl-Inge 87(3-4) 117-135: [1998]

Armstrong, R. A., Compston, W., Retief, E. A., Williams, I. S. and Welke, H. J. Zircon ion microprobe studies bearing on the age and evolution of the Witwatersrand triad 53(3-4) 243-266: [1991]

Armstrong, R. A. see Cornell, D. H. 77(3-4) 243-271: [1996]

Armstrong, Richard Lee see Sun, Min 56(1-2) 1-31: [1992]

Armstrong, Richard Lee see Sun, Min 62(1-2) 171-190: [1993]

Arndt, N. Why was flood volcanism on submerged continental platforms so common in the Precambrian? 97(3-4) 155-164: [1999]

Arndt, N. T. see Puchtel, I. S. 62(4) 399-417: [1993]

Arndt, Nicholas T. Early Precambrian basic magmatism [book review] 53(3-4) 301-303: [1991]

Arnold, Jo, Sandiford, Michael and Wetherley, Simon Metamorphic events in the eastern Arunta Inlier; Part 1, Metamorphic petrology 71(1-4) 183-205: [1995]

Arnold, Robert G. see Rusin, Patricia A. 61(3-4) 231-240: [1993]

Arora, M., Khan, R. M. K. and Naqvi, S. M. Composition of the middle and late Archaean upper continental crust as sampled from the Kaldurga Conglomerate, Dharwar Craton, India 70(1-2) 93-112: [1994]

Arthaud, M. H. see Monie, P. 81(3-4) 241-264: [1997]

Ashley, P. M. see Cook, N. D. J. 56(3-4) 211-226: [1992]

Ashley, P. M. see Bierlein, F. P. 79(3-4) 281-305: [1996]

Ashwal, L. D. see van Reenen, Dirk D. 55(1-4) 1-5: [1992]

Ashwal, L. D. (editor) see van Reenen, Dirk D. 55(1-4) 1-587: [1992]

Ashwal, Lewis D. see Roering, Chris 55(1-4) 47-49: [1992]

Ashwal, Lewis D., Morgan, Paul and Hoisch, Thomas D. Tectonics and heat sources for granulite metamorphism of supracrustal-bearing terranes 55(1-4) 525-538: [1992]

Ashwal, Lewis D., Wiebe, Robert A., Wooden, Joseph L., Whitehouse, Martin J. and Snyder, Donald Pre-Elsonian mafic magmatism in the Nain igneous complex, Labrador; the Bridges layered intrusion 56(1-2) 73-87: [1992]

Aspler, Lawrence B. and Chiarenzelli, Jeffrey R. Stratigraphy, sedimentology and physical volcanology of the Henik Group, central Ennadai–Rankin greenstone belt, Northwest Territories, Canada; late Archean paleogeography of the Hearne Province and tectonic implications 77(1-2) 59-89: [1996]

Aspler, Lawrence B. and Chiarenzelli, Jeffrey R. Initiation of ~ 2.45-2.1 Ga intracratonic basin sedimentation of the Hurwitz Group, Keewatin hinterland, Northwest Territories, Canada 81(3-4) 265-297: [1997]

Asres, Zemene see Wolde, Begashaw 80(3-4) 261-279: [1996]

Asthana, Deepanker, Khare, Sunil K., Pophare, Anil M., Dash, Manas R. and Neogi, S. Geochemistry of the Dongargarh volcanic rocks, central India; implications for the Precambrian mantle [discussion and reply] 84(1-2) 105-111: [1997]

Attoh, Kodjopa, Dallmeyer, R. D. and Affaton, Pascal Chronology of nappe assembly in the Pan-African Dahomeyide Orogen, West Africa; evidence from $^{40}Ar/^{39}Ar$ mineral ages 82(1-2) 153-171: [1997]

Austrheim, H. see Kalsbeek, Feiko 62(3) 239-270: [1993]

Auvray, B. see Jayananda, M. 99(3-4) 225-254: [2000]

Avchenko, Oleg V. see Frost, B. Ronald 89(1-2) 1-23: [1998]

Ayer, J. A. and Davis, Donald W. Neoarchean evolution of differing convergent margin assemblages in the Wabigoon Subprovince; geochemical and geochronological evidence from the Lake of the Woods greenstone belt, Superior Province, northwestern Ontario 81(3-4) 155-178: [1997]

Ayres, L. D., Halden, N. M. and Ziehlke, D. V. The Aulneau Batholith; Archean diapirism preceded by coalescence of granitoid magma at depth 51(1-4) 27-50: [1991]

Ayub, Samwel see Meert, Joseph G. 74(4) 225-244: [1995]

Baadsgaard, H. see Nutman, A. P. 54(2-4) 195-210: [1992]

Babinski, M. see Iyer, S. S. 73(1-4) 271-282: [1995]

Babinski, M. see d'Agrella Filho, M. S. 99(3-4) 179-196: [2000]

Babinski, Marly, Chemale, Farid, Jr. and Van Schmus, William R. The Pb/Pb age of the Minas Supergroup carbonate rocks, Quadrilatero Ferrifero, Brazil 72(3-4) 235-245: [1995]

Bagas, L. see Smithies, R. H. 83(4) 243-265: [1997]

Bailes, A. H. see David, J. 80(1-2) 107-124: [1996]

Bain, J. H. C. see Blewett, R. S. 89(3-4) 101-127: [1998]

Baker, James H. see De Groot, Pier A. 54(2-4) 109-130: [1992]

Baker, Judy, van Reenen, Dirk D., van Schalkwyk, J. F. and Newton, R. C. Constraints on the composition of fluids involved in retrograde anthophyllite formation in the Limpopo Belt, South Africa 55(1-4) 327-336: [1992]

Balaram, V. see Manikyamba, C. 61(1-2) 137-164: [1993]

Balaram, V. see Manikyamba, C. 84(3-4) 117-138: [1997]

Balaram, V. see Sambasiva Rao, V. V. 98(1-2) 53-65: [1999]

Balashov, Yuri A. see Gee, David G. 70(3-4) 215-234: [1995]

Balashov, Yuriy A., Bayanova, Tamara B. and Mitrofanov, Felix P. Isotope data on the age and genesis of layered basic-ultrabasic intrusions in the Kola Peninsula and northern Karelia, northeastern Baltic Shield 64(1-4) 197-205: [1993]

Ball, Theodore T. and Farmer, G. Lang Infilling history of a Neoproterozoic intracratonic basin; Nd isotope provenance studies of the Uinta Mountain Group, Western United States 87(1-2) 1-18: [1998]

Ballevre, Michel see Bouhallier, Hugues 63(1-2) 43-58: [1993]

Balling, N. see Cermak, V. 64(1-4) 53-65: [1993]

Banerjee, D. M. and Bhattacharya, Prosun Petrology and geochemistry of greywackes from the Aravalli Supergroup, Rajasthan, India and the tectonic evolution of a Proterozoic sedimentary basin 67(1-2) 11-35: [1994]

Banerjee, H. see Sarkar, S. C. 99(3-4) 171-178: [2000]

Bapna, V. S. see Munshi, R. L. 61(1-2) 165-168: [1993]

Baragar, W. Robert A. see Cadman, Andrew C. 68(3-4) 357-374: [1994]

Barba, P. see Ugidos, J. M. 84(3-4) 163-180: [1997]

Barbey, P. see Nedelec, A. 62(3) 191-205: [1993]

Barbey, P. see Pons, J. 70(3-4) 281-301: [1995]

Barker, Andrew J. see Alene, Mulugeta 62(3) 271-283: [1993]

Barker, W. H. see Durrheim, R. J. 55(1-4) 187-200: [1992]

Barley, M. E. see Cassidy, K. F. 51(1-4) 51-83: [1991]

Barley, M. E., Blake, T. S. and Groves, D. I. The Mount Bruce Megasequence Set and eastern Yilgarn Craton; examples of late Archaean to early Proterozoic divergent and convergent craton margins and controls on mineralization 58(1-4) 55-70: [1992]

Barley, M. E. see Myers, J. S. 58(1-4) 345-354: [1992]

Barley, M. E. Volcanic, sedimentary and tectonostratigraphic environments of the ~3.46 Ga Warrawoona Megasequence; a review 60(1-4) 47-67: [1993]

Barley, M. E. see McNaughton, N. J. 60(1-4) 69-98: [1993]

Barley, M. E. The tectonic and metallogenic evolution of the Pilbara Craton; preface 88(1-4) 1-2: [1998]

Barley, M. E. (editor) and Loader, S. E. (editor) The tectonics and metallogenic evolution of the Pilbara Craton 88(1-4) 1-265: [1998]

Barley, M. E., Loader, S. E. and McNaughton, N. J. 3430 to 3417Ma calc-alkaline volcanism in the McPhee Dome and Kelly Belt, and growth of the eastern Pilbara Craton 88(1-4) 3-23: [1998]

Barley, M. E. see Smith, J. B. 88(1-4) 143-171: [1998]

Barley, M. E. see Neumayr, P. 88(1-4) 249-265: [1998]

Barley, M. E. and Pickard, A. L. An extensive, crustally-derived, 3325 to 3310 Ma silicic volcanoplutonic suite in the eastern Pilbara Craton; evidence from the Kelly Belt, McPhee Dome and Corunna Downs Batholith 96(1-2) 41-62: [1999]

Barley, Mark E. see Vearncombe, Susan 88(1-4) 67-82: [1998]

Barley, Mark E., Krapez, Bryan, Groves, David I. and Kerrich, Rob The late Archaean bonanza; metallogenic and environmental consequences of the interaction between mantle plumes, lithospheric tectonics and global cyclicity 91(1-2) 65-90: [1998]

Barnes, Calvin see Smith, Diane R. 85(1-2) 53-79: [1997]

Barnes, Sarah-Jane see Sawyer, E. W. 68(3-4) 183-200: [1994]

Barovich, K. M. and Foden, J. A Neoproterozoic flood basalt province in southern-central Australia; geochemical and Nd isotope evidence from basin fill 100(1-3) 213-234: [2000]

Bartholomew, M. J. see Hughes, S. S. 84(1-2) 37-62: [1997]

Barton, J. M., Jr. and van Reenen, Dirk D. When was the Limpopo Orogeny? 55(1-4) 7-16: [1992]

Barton, J. M., Jr. and van Reenen, Dirk D. The significance of Rb-Sr ages of biotite and phlogopite for the thermal history of the central and southern marginal zones of the Limpopo Belt of Southern Africa and the adjacent portions of the Kaapvaal Craton 55(1-4) 17-31: [1992]

Barton, J. M., Jr. see Bohlender, F. 55(1-4) 429-449: [1992]

Barton, J. M., Jr., Doig, R., Smith, C. B., Bohlender, F. and van Reenen, Dirk D. Isotopic and REE characteristics of the intrusive charnoenderbite and enderbite geographically associated with the Matok Pluton, Limpopo Belt, Southern Africa 55(1-4) 451-467: [1992]

Barton, J. M., Jr. see Roering, Chris 55(1-4) 539-552: [1992]

Barton, J. M., Jr. see Holzer, L. 87(1-2) 87-115: [1998]

Bau, Michael and Dulski, Peter Distribution of yttrium and rare-earth elements in the Penge and Kuruman iron-formations, Transvaal Supergroup, South Africa 79(1-2) 37-55: [1996]

Bauer, Paul W. and Williams, Michael L. The age of Proterozoic orogenesis in New Mexico, U.S.A. 67(3-4) 349-356: [1994]

Bayanova, Tamara B. see Balashov, Yuriy A. 64(1-4) 197-205: [1993]

Beakhouse, G. P., Heaman, L. M. and Creaser, Robert A. Geochemical and U-Pb zircon geochronological constraints on the development of a late Archean greenstone belt at Birch Lake, Superior Province, Canada 97(1-2) 77-97: [1999]

Beane, R. see Smith, D. R. 98(3-4) 271-305: [1999]

Beaumont, V. and Robert, F. Nitrogen isotope ratios of kerogens in Precambrian cherts; a record of the evolution of atmosphere chemistry? 96(1-2) 63-82: [1999]

Beeson, John, Harris, Lyal B. and Delor, Claude P. Structure of the western Albany mobile belt (southwestern Australia); evidence for overprinting by Neoproterozoic shear zones of the Darling mobile belt 75(1-2) 47-63: [1995]

Benn, K., Rochette, P., Bouchez, J. L. and Hattori, K. Magnetic susceptibility, magnetic mineralogy and magnetic fabrics in a late Archean granitoid-gneiss belt 63(1-2) 59-81: [1993]

Bennett, Victoria C. see Zhao, Jian-xin 71(1-4) 17-43: [1995]

Bennett, Victoria C. see Nutman, Allen P. 78(1-3) 1-39: [1996]

Bergman, J. see Weihed, P. 58(1-4) 143-167: [1992]

Bergstrom, U. see Weihed, P. 58(1-4) 143-167: [1992]

Berthelsen, Asger (reviewer) Proterozoic crustal evolution [book review] 70(1-2) 166-167: [1994]

Bertrand-Sarfati, J. and Potin, B. Microfossiliferous cherty stromatolites in the 2000 Ma Franceville Group, Gabon 65(1-4) 341-356: [1994]

Bertrand-Sarfati, J. see Amard, B. 81(3-4) 197-221: [1997]

Beryozkin, V. I. see Smelov, A. P. 62(4) 419-430: [1993]

Berza, T. see Liegeois, J. P. 80(3-4) 281-301: [1996]

Bethune, Kathryn M. The Sudbury dyke swarm and its bearing on the tectonic development of the Grenville Front, Ontario, Canada 85(3-4) 117-146: [1997]

Bettenay, L. F. see Bickle, M. J. 60(1-4) 117-149: [1993]

Bettencourt, J. S., Tosdal, R. M., Leite, W. B. and Payolla, B. L. Mesoproterozoic rapakivi granites of the Rondonia tin province, southwestern border of the Amazonian Craton, Brazil; I, Reconnaissance U-Pb geochronology and regional implications 95(1-2) 41-67: [1999]

Bettencourt, Jorge S. see Sadowski, Georg R. 76(3-4) 213-227: [1996]

Beukes, Nicolas J. see Strauss, Harald 79(1-2) 57-71: [1996]

Beunk, Frank F. see Valbracht, Peter J. 52(3-4) 187-214: [1991]

Beunk, Frank F. and Valbracht, Peter J. Early Proterozoic continental tholeiites from western Bergslagen, central Sweden; III, Geodynamic inferences 52(3-4) 231-243: [1991]

Beurlen, H., da Silva Filho, A. F., Guimaraes, I. P. and Brito, S. B. Proterozoic C-type eclogites hosting unusual Ti-Fe±Cr±Cu mineralization in northeastern Brazil 58(1-4) 195-214: [1992]

Beyth, Michael, Stern, Robert J. and Matthews, Alan Significance of high-grade metasediments from the Neoproterozoic basement of Eritrea 86(1-2) 45-58: [1997]

Bhaskar Rao, B. see Natarajan, M. 65(1-4) 167-181: [1994]

Bhaskar Rao, Y. J., Sivaraman, T. V., Pantulu, G. V. C., Gopalan, K. and Naqvi, S. M. Rb-Sr ages of late Archean metavolcanics and granites, Dharwar Craton, South India and evidence for early Proterozoic thermotectonic event(s) 59(1-2) 145-170: [1992]

Bhaskar Rao, Y. J., Sivaraman, T. V., Pantulu, G. V. C., Gopalan, K. and Naqvi, S. M. Rb-Sr ages of late Archean metavolcanics and granites, Dharwar craton, South India and evidence for early Proterozoic thermotectonic event(s) [reply] 68(1-2) 175-178: [1994]

Bhaskar Rao, Y. J. see Kumar, Anil 80(3-4) 205-216: [1996]

Bhat, M. I. and Le Fort, P. Sm-Nd age and petrogenesis of Rampur metavolcanic rocks, NW Himalayas; late Archaean relics in the Himalayan belt 56(3-4) 191-210: [1992]

Bhat, M. I., Claesson, S., Dubey, A. K. and Pande, Kanchan Sm-Nd age of the Garhwal-Bhowali Volcanics, western Himalayas; vestiges of the late Archaean Rampur flood basalt province of the northern Indian craton 87(3-4) 217-231: [1998]

Bhattacharya, Prosun see Banerjee, D. M. 67(1-2) 11-35: [1994]

Bhattacharya, S., Sen, S. K. and Acharyya, A. The structural setting of the Chilka Lake granulite–migmatite–anorthosite suite with emphasis on the time relation of charnockites 66(1-4) 393-409: [1994]

Bhattacharyya, D. S. Early Proterozoic metallogeny, tectonics and geochronology of the Singhbhum Cu-U belt, eastern India 58(1-4) 71-83: [1992]

Bhattacharyya, Tapas see Tobisch, Othmar T. 65(1-4) 319-339: [1994]

Bibikova, E. V. see Bogdanova, S. V. 64(1-4) 131-152: [1993]

Bibikova, E. V. see Bogdanova, S. V. 68(3-4) 231-240: [1994]

Bickford, M. E. see Crocker, C. H. 61(1-2) 27-50: [1993]

Bickford, M. E., Collerson, K. D. and Lewry, J. F. Crustal history of the Rae and Hearne provinces, southwestern Canadian Shield, Saskatchewan; constraints from geochronologic and isotopic data 68(1-2) 1-21: [1994]

Bickford, M. E. see Orrell, S. E. 95(3-4) 187-223: [1999]

Bickford, Marion E. see Cullers, Robert L. 62(1-2) 139-169: [1993]

Bickle, M. J., Bettenay, L. F., Chapman, H. J., Groves, D. I., McNaughton, N. J., Campbell, Ian H. and de Laeter, J. R. Origin of the 3500-3300 Ma calc-alkaline rocks in the Pilbara Archaean; isotopic and geochemical constraints from the Shaw Batholith 60(1-4) 117-149: [1993]

Bickle, M. J. see Smith, J. B. 88(1-4) 143-171: [1998]

Bierlein, F. P., Ashley, P. M. and Seccombe, P. K. Origin of hydrothermal Cu-Zn-Pb mineralisation in the Olary Block, South Australia; evidence from fluid inclusions and sulphur isotopes 79(3-4) 281-305: [1996]

Billstrom, Kjell, Frietsch, Rudyard and Perdahl, Jan-Anders Regional variations in the Pb isotopic compositions of ore galena across the Archaean-Proterozoic border in northern Sweden 81(1-2) 83-99: [1997]

Bingen, Bernard, Boven, Ariel, Punzalan, Lea, Wijbrans, Jan R. and Demaiffe, Daniel Hornblende $^{40}Ar/^{39}Ar$ geochronology across terrane boundaries in the Sveconorwegian Province of S. Norway 90(3-4) 159-185: [1998]

Bird, Peter (reviewer) A continent revealed; the European Geotraverse [book review] 70(1-2) 165-166: [1994]

Birkett, Tyson C. see Miller, Randy R. 81(1-2) 67-82: [1997]

Bischoff, G. C. O. see Al-Arouri, K. 100(1-3) 235-280: [2000]

Bishui, P. K. see Sarkar, G. 62(1-2) 127-137: [1993]

Biswal, T. K., Gyani, K. C., Parthasarathy, R. and Pant, D. R. Implications of the geochemistry of the pelitic granulites of the Delhi Supergroup, Aravalli mountain belt, northwestern India 87(1-2) 75-85: [1998]

Bjergbakke, E. see Draganic, I. G. 52(3-4) 337-345: [1991]

Black, L. P. see Blewett, R. S. 89(3-4) 101-127: [1998]

Black, L. P. see Harley, S. L. 89(3-4) 175-205: [1998]

Black, Lance P., Harris, Lyal B. and Delor, Claude P. Reworking of Archaean and early Proterozoic components during a progressive, middle Proterozoic tectonothermal event in the Albany mobile belt, Western Australia 59(1-2) 95-123: [1992]

Black, Lance P. and Shaw, Russell D. An assessment, based on U-Pb zircon data, of Rb-Sr dating in the Arunta Inlier, central Australia 71(1-4) 3-15: [1995]

Black, R. see Liegeois, J. P. 67(1-2) 59-88: [1994]

Blackburn, W. H. and Srivastava, D. C. Geochemistry and tectonic significance of the Ongarbira metavolcanic rocks, Singhbhum District, India 67(3-4) 181-206: [1994]

Blackburn, W. H. see Srivastava, D. C. 76(1-2) 117-118: [1996]

Blake, D. H. see Young, D. N. 71(1-4) 45-68: [1995]

Blake, T. S. see Barley, M. E. 58(1-4) 55-70: [1992]

Blake, Tim S. (editor) and Meakins, Adrienne L. (editor) Archaean and early Proterozoic geology of the Pilbara region, Western Australia 60(1-4) 1-359: [1993]

Blake, Tim S. Late Archaean crustal extension, sedimentary basin formation, flood basalt volcanism and continental rifting; the Nullagine and Mount Jope supersequences, Western Australia 60(1-4) 185-241: [1993]

Blenkinsop, Thomas G. see Munyanyiwa, Hubert 81(3-4) 179-196: [1997]

Blenkinsop, Tom (reviewer) Fieldwork; a geologist's memoir of the Kalahari [book review] 90(3-4) 239-240: [1998]

Blewett, R. S., Black, L. P., Sun, S. S., Knutson, J., Hutton, L. J. and Bain, J. H. C. U-Pb zircon and Sm-Nd geochronology of the Mesoproterozoic of North Queensland; implications for a Rodinian connection with the Belt Supergroup of North America 89(3-4) 101-127: [1998]

Bloch, John D. see Ross, Gerald M. 73(1-4) 71-99: [1995]

Bloem, Erik J. M., Dalstra, Hilko J., Ridley, John R. and Groves, David I. Granitoid diapirism during protracted tectonism in an Archaean granitoid-greenstone belt, Yilgarn Block, Western Australia 85(3-4) 147-171: [1997]

Bloomer, S. H. see Naidoo, D. D. 53(1-2) 79-97: [1991]

Bloomer, S. H. see Leblanc, M. 62(3) 367-371: [1993]

Blum, Norbert and Crocket, James H. Repetitive cyclical volcanism in the late Archean Larder Lake Group near Kirkland Lake, Ontario; implications of geochemistry on magma genesis 54(2-4) 173-194: [1992]

Bogdanova, S. V. and Bibikova, E. V. The "Saamian" of the Belomorian mobile belt; new geochronological constraints 64(1-4) 131-152: [1993]

Bogdanova, S. V., Bibikova, E. V. and Gorbatschev, Roland Palaeoproterozoic U-Pb zircon ages from Belorussia; new geodynamic implications for the East European Craton 68(3-4) 231-240: [1994]

Bogdanova, Svetlana see Gorbatschev, Roland 64(1-4) 3-21: [1993]

Bogomolov, E. S. see Lobach-Zhuchenko, S. B. 92(3) 223-250: [1998]

Bogomolova, L. M. see Neymark, L. A. 62(4) 453-472: [1993]

Bohlender, F., van Reenen, Dirk D. and Barton, J. M., Jr. Evidence for metamorphic and igneous charnockites in the southern marginal zone of the Limpopo Belt 55(1-4) 429-449: [1992]

Bohlender, F. see Barton, J. M., Jr. 55(1-4) 451-467: [1992]

Bonavia, F. F. see Tolessa, S. 52(1-2) 179-186: [1991]

Bonavia, F. F. and Chorowicz, J. Neoproterozoic structures in the Mozambique orogenic belt of southern Ethiopia 62(3) 307-322: [1993]

Bonin, Bernard see Conceicao, Herbet 51(1-4) 283-314: [1991]

Bonkoungou, Issa see Bossiere, Gerard 80(3-4) 153-172: [1996]

Borsi, Laura see Talarico, Franco 75(3-4) 157-174: [1995]

Boryta, Mark D. see Condie, Kent C. 59(3-4) 207-223: [1992]

Bose, Pradip K. see Sarkar, Subir 56(1-2) 139-157: [1992]

Bose, Pradip K., Mazumder, Rajat and Sarkar, Subir Tidal sandwaves and related storm deposits in the transgressive Protoproterozoic Chaibasa Formation, India 84(1-2) 63-81: [1997]

Bose, Pradip K. see Eriksson, Patrick G. 97(3-4) 137-141: [1999]

Bose, Pradip K. (editor) see Eriksson, Patrick G. 97(3-4) 137-323: [1999]

Bose, Pradip K. see Eriksson, Patrick G. 97(3-4) 269-302: [1999]

Bossi, Jorge see Teixeira, Wilson 93(2-3) 153-180: [1999]

Bossiere, Gerard, Bonkoungou, Issa, Peucat, Jean-Jacques and Pupin, Jean-Pierre Origin and age of Paleoproterozoic conglomerates and sandstones of the Tarkwaian Group in Burkina Faso, West Africa 80(3-4) 153-172: [1996]

Bouchez, J. L. see Benn, K. 63(1-2) 59-81: [1993]

Bouchot, V. see Feybesse, J. L. 87(3-4) 161-216: [1998]

Bouchot, Vincent and Feybesse, Jean-Louis Palaeoproterozoic gold mineralization of the Etéké Archaean greenstone belt (Gabon); its relation to the Eburnean Orogeny 77(3-4) 143-159: [1996]

Bougault, H. see Lafleche, Marc R. 57(3-4) 207-241: [1992]

Bouhallier, Hugues, Choukroune, Pierre and Ballèvre, Michel Diapirism, bulk homogeneous shortening and transcurrent shearing in the Archaean Dharwar Craton; the Holenarsipur area, southern India 63(1-2) 43-58: [1993]

Bourne, James H. and L'Heureux, Marc The petrography and geochemistry of the Clericy Pluton; an ultrapotassic pyroxenite-syenite suite of late Archaean age from the Abitibi region, Quebec 52(1-2) 37-51: [1991]

Boven, Ariel see Bingen, Bernard 90(3-4) 159-185: [1998]

Boven, Ariel, Theunissen, Karel, Sklyarov, Eugene, Klerkx, Jean, Melnikov, Alexander, Mruma, Abdul and Punzalan, Lea Timing of exhumation of a high-pressure mafic granulite terrane of the Paleoproterozoic Ubende Belt (West Tanzania) 93(1) 119-137: [1999]

Bowring, S. A. see Thomas, R. J. 62(1-2) 83-101: [1993]

Bowring, S. A. see Cornell, D. H. 77(3-4) 243-271: [1996]

Bowring, Samuel A. see Sumner, Dawn Y. 79(1-2) 25-35: [1996]

Bowring, Samuel A. see Vinyu, Michael L. 98(1-2) 67-82: [1999]

Brandl, G. see Kroner, A. 93(4) 299-337: [1999]

Brandon, Alan D. and Meen, James K. Nd isotopic evidence for the position of southernmost Indian terranes within East Gondwana 70(3-4) 269-280: [1995]

Brasier, M. D. see Lindsay, J. F. 99(3-4) 271-308: [2000]

Brewer, Tim S., Daly, J. Stephen and Ahall, Karl-Inge Contrasting magmatic arcs in the Palaeoproterozoic of the south-western Baltic Shield 92(3) 297-315: [1998]

Briden, J. C. see Mushayandebvu, M. F. 69(1-4) 269-280: [1994]

Bridgwater, D. see Kalsbeek, Feiko 62(3) 239-270: [1993]

Bridgwater, D. see Schiotte, L. 63(3-4) 293-323: [1993]

Bridgwater, David see Nutman, Allen P. 93(1) 87-104: [1999]

Brito, S. B. see Beurlen, H. 58(1-4) 195-214: [1992]

Brocker, Michael see Schussler, Ulrich 93(2-3) 235-258: [1999]

Brookfield, Michael E. Problems in applying preservation, facies and sequence models to Sinian (Neoproterozoic) glacial sequences in Australia and Asia 70(1-2) 113-143: [1994]

Brown, Michael and D'Lemos, Richard S. The Cadomian granites of Mancellia, Northeast Armorican Massif of France; relationship to the St. Malo migmatite belt, petrogenesis and tectonic setting 51(1-4) 393-427: [1991]

Bruce, D. see Foden, J. 71(1-4) 207-227: [1995]

Bruce Ryan, A. and Emslie, Ronald F. Pre-Elsonian mafic magmatism in the Nain igneous complex, Labrador: the Bridges layered intrusion [discussion] 68(1-2) 179-181: [1994]

Brueckner, Hannes K., Cunningham, Dickson, Alkmin, Fernando F. and Marshak, Stephen Tectonic implications of Precambrian Sm-Nd dates from the southern Sao Francisco Craton and adjacent Aracuai and Ribeira belts, Brazil 99(3-4) 255-269: [2000]

Brugmann, G. E., Reischmann, T., Naldrett, Anthony J. and Sutcliffe, R. H. Roots of an Archean volcanic arc complex; the Lac des Iles area in Ontario, Canada 81(3-4) 223-239: [1997]

Bruguier, O. U-Pb ages on single detrital zircon grains from the Tasmiyele Group; implications for the evolution of the Olekma Block (Aldan Shield, Siberia) 78(4) 197-210: [1996]

Buchan, K. L., Mortensen, J. K. and Card, K. D. Integrated paleomagnetic and U-Pb geochronologic studies of mafic intrusions in the southern Canadian Shield; implications for the early Proterozoic polar wander path 69(1-4) 1-10: [1994]

Buchanan, Dennis L. see de Wit, Maarten J. 55(1-4) 123-153: [1992]

Buchel, G. Gravity, magnetic and structural patterns at the deep-crustal plate boundary zone between West- and East-Gondwana in Sri Lanka 66(1-4) 77-91: [1994]

Buhl, Dieter see Raith, Michael M. 98(1-2) 129-150: [1999]

Buick, Ian S. see Harley, Simon L. 66(1-4) 309-323: [1994]

Buick, Ian S. see Cartwright, Ian 77(3-4) 211-229: [1996]

Burg, J. P. see Camire, G. E. 61(1-2) 51-66: [1993]

Burton, William C. see Aleinikoff, John N. 99(1-2) 113-146: [2000]

Busch, Jay P. and van der Pluijm, Ben A. Late orogenic, plastic to brittle extension along the Robertson Lake shear zone; implications for the style of deep-crustal extension in the Grenville Orogen, Canada 77(1-2) 41-57: [1996]

Byerly, G. R. see Kroner, A. 78(1-3) 105-124: [1996]

Byerly, Gary R., Kröner, Alfred, Lowe, Donald R., Todt, W. and Walsh, Maud M. Prolonged magmatism and time constraints for sediment deposition in the early Archean Barberton greenstone belt; evidence from the upper Onverwacht and Fig Tree groups 78(1-3) 125-138: [1996]

Bylund, Goran Palaeomagnetism of the late Precambrian Vadso and Barents Sea groups, Varanger Peninsula, Norway 69(1-4) 81-93: [1994]

Caby, R. see Dostal, J. 65(1-4) 55-69: [1994]

Caby, R. (reviewer) Geology of western Gondwana (2000-500 Ma); Pan-African-Brasiliano aggregation of South America and Africa [book review] 78(4) 301-302: [1996]

Caby, R. see Monie, P. 81(3-4) 241-264: [1997]

Caby, R. see Cosca, M. A. 98(1-2) 107-127: [1999]

Caby, Renaud see Campos Neto, Mario da Costa 97(1-2) 3-26: [1999]

Cadman, Andrew C., Tarney, John, Baragar, W. Robert A. and Wardle, Richard J. Relationship between Proterozoic dykes and associated volcanic sequences; evidence from the Harp Swarm and Seal Lake Group, Labrador, Canada 68(3-4) 357-374: [1994]

Cadman, Andrew C., Tarney, John and Hamilton, Michael A. Petrogenetic relationship between Palaeoproterozoic tholeiitic dykes and associated high-Mg noritic dykes, Labrador, Canada 82(1-2) 63-84: [1997]

Calver, C. R. see Walter, M. R. 73(1-4) 173-195: [1995]

Calver, C. R. and Walter, M. R. The late Neoproterozoic Grassy Group of King Island, Tasmania; correlation and palaeogeographic significance 100(1-3) 299-312: [2000]

Calver, C. R. see Walter, M. R. 100(1-3) 371-433: [2000]

Calver, Clive R. Isotope stratigraphy of the Ediacarian (Neoproterozoic III) of the Adelaide rift complex, Australia, and the overprint of water column stratification 100(1-3) 121-150: [2000]

Calvez, J. Y. see Pinna, P. 62(1-2) 1-59: [1993]

Camacho, A. see Young, D. N. 71(1-4) 45-68: [1995]

Camacho, A. and Fanning, C. M. Some isotopic constraints on the evolution of the granulite and upper amphibolite facies terranes in the eastern Musgrave Block, central Australia 71(1-4) 155-181: [1995]

Cameron, Eion M. see Carrigan, William J. 52(3-4) 347-380: [1991]

Cameron, Eion M. (reviewer) Gold; the Indian scene [book review] 59(3-4) 327-328: [1992]

Cameron, K. L. see Lawlor, P. J. 94(1-2) 73-99: [1999]

Camire, G. E. and Burg, J. P. Late Archaean thrusting in the northwestern Pontiac Subprovince, Canadian Shield 61(1-2) 51-66: [1993]

Camire, G. E., Laflèche, M. R. and Ludden, J. N. Archaean metasedimentary rocks from the northwestern Pontiac Subprovince of the Canadian Shield; chemical characterization, weathering and modelling of the source areas 62(3) 285-305: [1993]

Campal, Nestor see Teixeira, Wilson 93(2-3) 153-180: [1999]

Campanha, G. A. da C. and Sadowski, G. R. Tectonics of the southern portion of the Ribeira Belt (Apiai Domain) 98(1-2) 31-51: [1999]

Campbell, Ian H. see Bickle, M. J. 60(1-4) 117-149: [1993]

Campbell, Ian H. see Schiotte, Lasse 78(4) 237-260: [1996]

Campbell, Ian H. see Wingate, Michael T. D. 87(3-4) 135-159: [1998]

Campos Neto, Mario da Costa and Caby, Renaud Neoproterozoic high-pressure metamorphism and tectonic constraint from the nappe system south of the Sao Francisco Craton, Southeast Brazil 97(1-2) 3-26: [1999]

Cannon, W. F. see Nicholson, S. W. 58(1-4) 355-386: [1992]

Cao Rauiji Origin and order of cyclic growth patterns in matministromatolite bioherms from the Proterozoic Wumishan Formation, North China 52(1-2) 167-178: [1991]

Capdevila, R. see Jahn, B. M. 91(3-4) 333-363: [1998]

Card, K. D. see Poulsen, K. H. 58(1-4) 25-54: [1992]

Card, K. D. see Roscoe, S. M. 58(1-4) 99-119: [1992]

Card, K. D. see Buchan, K. L. 69(1-4) 1-10: [1994]

Card, K. D. see Riller, Ulrich 93(1) 51-70: [1999]

Carlson, W. D. see Rougvie, J. R. 94(1-2) 49-72: [1999]

Carneiro, Mauricio A., Ulbrich, Horstpeter H. G. J. and Kawashita, Koji Proterozoic crustal evolution at the southern margin of the Amazonian Craton in the State of Mato Grosso, Brazil; evidence from Rb-Sr and K-Ar data 59(3-4) 263-282: [1992]

Carneiro, Mauricio Antonio see Teixeira, Wilson 78(1-3) 151-164: [1996]

Carney, J. N. see Aldiss, D. T. 56(3-4) 255-274: [1992]

Carrigan, William J. and Cameron, Eion M. Petrological and stable isotope studies of carbonate and sulfide minerals from the Gunflint Formation, Ontario; evidence for the origin of early Proterozoic iron-formation 52(3-4) 347-380: [1991]

Cartwright, Ian, Buick, Ian S. and Vry, Julie K. Polyphase metamorphic fluid flow in the lower calcsilicate unit, Reynolds Range, central Australia 77(3-4) 211-229: [1996]

Cassidy, K. F., Barley, M. E., Groves, D. I., Perring, C. S. and Hallberg, J. A. An overview of the nature, distribution and inferred tectonic setting of granitoids in the late-Archaean Norseman-Wiluna Belt 51(1-4) 51-83: [1991]

Castaing, C., Feybesse, J. L., Thiéblemont, D., Triboulet, C. and Chèvremont, P. Palaeogeographical reconstructions of the Pan-African/Brasiliano Orogen; closure of an oceanic domain or intracontinental convergence between major blocks? 69(1-4) 327-344: [1994]

Castelli, Daniele see Talarico, Franco 75(3-4) 141-156: [1995]

Catuneanu, Octavian and Eriksson, Patrick G. The sequence stratigraphic concept and the Precambrian rock record; an example from the 2.7-2.1 Ga Transvaal Supergroup, Kaapvaal Craton 97(3-4) 215-251: [1999]

Cawood, Peter see Zhao, Guochun 93(2-3) 181-199: [1999]

Cermak, V., Balling, N., Kukkonen, I. and Zui, V. I. Heat flow in the Baltic Shield; results of the lithospheric geothermal modelling 64(1-4) 53-65: [1993]

Cerny, Petr Fertile granites of Precambrian rare-element pegmatite fields; is geochemistry controlled by tectonic setting or source lithologies? 51(1-4) 429-468: [1991]

Chacko, Thomas, Ravindra Kumar, G. R., Meen, James K. and Rogers, John J. W. Geochemistry of high-grade supracrustal rocks from the Kerala khondalite belt and adjacent massif charnockites, South India 55(1-4) 469-489: [1992]

Chadwick, B. and Vasudev, V. N. Rb-Sr ages of late Archean metavolcanics and granites, Dharwar Craton, South India and evidence for early Proterozoic thermotectonic event(s) [discussion] 68(1-2) 169-173: [1994]

Chadwick, B. see Russell, J. 78(4) 261-272: [1996]

Chadwick, B., Vasudev, V. N. and Hegde, G. V. The Dharwar Craton, southern India, interpreted as the result of late Archaean oblique convergence 99(1-2) 91-111: [2000]

Chadwick, Brian see Smith, Michael S. 57(1-2) 49-90: [1992]

Chadwick, Brian (reviewer) Continental crust of South India [book review] 70(1-2) 167-168: [1994]

Chadwick, Brian (reviewer) Crustal evolution of Singhbhum-North Orissa, eastern India [book reviewer] 78(4) 297-298: [1996]

Chadwick, Brian (reviewer) Geology of Karnataka [book review] 78(4) 297-298: [1996]

Chadwick, Brian (reviewer) India and Antarctica during the Precambrian [book review] 82(1-2) 173-175: [1997]

Chadwick, Brian (reviewer) Recent advances in Vindhyan geology [book review] 85(1-2) 115-116: [1997]

Chadwick, Brian (reviewer) India and Antarctica during the Precambrian [erratum] 85(3-4) 241-242: [1997]

Chadwick, Brian (reviewer) Geology of Arunachal Pradesh; Geology of Rajasthan [book review] 97(1-2) 135-136: [1999]

Chalapathi Rao, N. V., Miller, John A., Pyle, David M. and Madhavan, V. New Proterozoic K-Ar ages for some kimberlites and lamproites from the Cuddapah Basin and Dharwar Craton, South India; evidence for non-contemporaneous emplacement 79(3-4) 363-369: [1996]

Chamberlain, Kevin R. see Frost, B. Ronald 89(1-2) 1-23: [1998]

Chamberlain, Kevin R. see Frost, Carol D. 89(3-4) 145-173: [1998]

Champion, D. C. and Sheraton, J. W. Geochemistry and Nd isotope systematics of Archaean granites of the Eastern Goldfields, Yilgarn Craton, Australia; implications for crustal growth processes 83(1-3) 109-132: [1997]

Chang, Ho-Wan see Lee, Kwang-Sik 89(1-2) 47-57: [1998]

Chapman, H. J. see Bickle, M. J. 60(1-4) 117-149: [1993]

Chapman, H. J. see Smith, J. B. 88(1-4) 143-171: [1998]

Chardon, Dominique, Choukroune, Pierre and Jayananda, Mudlappa Sinking of the Dharwar Basin (South India); implications for Archaean tectonics 91(1-2) 15-39: [1998]

Charlesworth, E. Guy see Harley, Michael 79(1-2) 125-140: [1996]

Charvet, J. see Chauvet, A. 68(1-2) 139-167: [1994]

Chauvet, A., Faure, M., Dossin, I. and Charvet, J. A three-stage structural evolution of the Quadrilátero Ferrífero; consequences for the Neoproterozoic age and the formation of gold concentrations of the Ouro Preto area, Minas Gerais, Brazil 68(1-2) 139-167: [1994]

Chauvet, A., Alves da Silva, Fernando Cesar, Faure, M. and Guerrot, C. Structural evolution of the Paleoproterozoic Rio Itapicuru granite-greenstone belt (Bahia, Brazil); the role of synkinematic plutons in the regional tectonics 84(3-4) 139-162: [1997]

Chekulaev, V. P. see Lobach-Zhuchenko, S. B. 92(3) 223-250: [1998]

Chekulayev, V. P. see Lobach-Zhuchenko, S. B. 62(4) 375-397: [1993]

Chemale, Farid, Jr., Rosière, Carlos A. and Endo, Issamu The tectonic evolution of the Quadrilatero Ferrifero, Minas Gerais, Brazil 65(1-4) 25-54: [1994]

Chemale, Farid, Jr. see Babinski, Marly 72(3-4) 235-245: [1995]

Chemale, Farid, Jr. see Iyer, S. S. 73(1-4) 271-282: [1995]

Chen, J. see Li, R. 97(1-2) 59-75: [1999]

Chen, X. see Li, R. 97(1-2) 59-75: [1999]

Chen, Y. D., Krogh, T. E. and Lumbers, S. B. Neoarchean trondhjemitic and tonalitic orthogneisses identified within the northern Grenville Province in Ontario by precise U-Pb dating and petrologic studies 72(3-4) 263-281: [1995]

Chen Huineng see Zhu Shixing 57(1-2) 135-163: [1992]

Cheney, E. S. and Winter, H. de la R. The late Archean to Mesoproterozoic major unconformity-bounded units of the Kaapvaal Province of Southern Africa 74(4) 203-223: [1995]

Cheney, E. S. Sequence stratigraphy and plate tectonic significance of the Transvaal succession of Southern Africa and its equivalent in Western Australia 79(1-2) 3-24: [1996]

Cheney, E. S. see Eriksson, Patrick G. 81(1-2) 145-149: [1997]

Cheney, Eric S. and Twist, David The conformable emplacement of the Bushveld mafic rocks along a regional unconformity in the Transvaal succession of South Africa 52(1-2) 115-132: [1991]

Cheney, Eric S. see Eriksson, Patrick G. 54(2-4) 257-269: [1992]

Chernyshev, I. V. see Nutman, A. P. 54(2-4) 195-210: [1992]

Chernyshev, I. V. see Samsonov, A. V. 78(1-3) 65-78: [1996]

Chernyshev, I. V. see Sarkar, S. C. 99(3-4) 171-178: [2000]

Chevremont, P. see Castaing, C. 69(1-4) 327-344: [1994]

Chiarenzelli, Jeffrey R. see Aspler, Lawrence B. 77(1-2) 59-89: [1996]

Chiarenzelli, Jeffrey R. see Aspler, Lawrence B. 81(3-4) 265-297: [1997]

Chorowicz, J. see Bonavia, F. F. 62(3) 307-322: [1993]

Choudhuri, A. see Iyer, S. S. 77(1-2) 23-40: [1996]

Choukroune, P. see Haddoum, H. 65(1-4) 155-166: [1994]

Choukroune, Pierre see Bouhallier, Hugues 63(1-2) 43-58: [1993]

Choukroune, Pierre see Chardon, Dominique 91(1-2) 15-39: [1998]

Christie-Blick, Nicholas, Dyson, Ian A. and von der Borch, C. C. Sequence stratigraphy and the interpretation of Neoproterozoic Earth history 73(1-4) 3-26: [1995]

Christoffel, Catherine A., Connelly, James N. and Ahall, Karl-Inge Timing and characterization of recurrent pre-Sveconorwegian metamorphism and deformation in the Varberg-Halmstad region of SW Sweden 98(3-4) 173-195: [1999]

Chu Xuelei see Shen Yanan 89(1-2) 77-86: [1998]

Civetta, Lucia see Mazzucchelli, Maurizio 74(3) 177-194: [1995]

Claesson, Lars-Ake see Skiold, Torbjorn 64(1-4) 225-238: [1993]

Claesson, S. see Ohlander, Bjorn 64(1-4) 67-84: [1993]

Claesson, S. see Bhat, M. I. 87(3-4) 217-231: [1998]

Claesson, Stefan, Huhma, Hannu, Kinny, Peter D. and Williams, Ian S. Svecofennian detrital zircon ages; implications for the Precambrian evolution of the Baltic Shield 64(1-4) 109-130: [1993]

Clark, D. A. see Schmidt, P. W. 69(1-4) 133-155: [1994]

Clarke, G. L. see Lafrance, B. 72(1-2) 43-67: [1995]

Clarke, Geoffrey L. see White, Richard W. 63(1-2) 1-26: [1993]

Clauer, Norbert see Toulkeridis, Theofilos 79(3-4) 195-207: [1996]

Clauer, Norbert see Toulkeridis, Theofilos 92(2) 129-144: [1998]

Clemens, J. D. Partial melting and granulite genesis; a partisan overview 55(1-4) 297-301: [1992]

Cliff, R. A. see Kamber, B. S. 70(3-4) 191-213: [1995]

Cliff, R. A., Rex, D. C. and Guise, P. G. Geochronological studies of Proterozoic crustal evolution in the northern Outer Hebrides 91(3-4) 401-418: [1998]

Cocherie, Alain see Vanderhaeghe, Olivier 92(2) 165-194: [1998]

Collerson, K. D. see Crocker, C. H. 61(1-2) 27-50: [1993]

Collerson, K. D. see Bickford, M. E. 68(1-2) 1-21: [1994]

Collerson, K. D. see Wendt, J. I. 93(4) 281-297: [1999]

Collerson, Kenneth D. see Tobisch, Othmar T. 65(1-4) 319-339: [1994]

Collins, W. J. Melting of Archaean sialic crust under high α H_2O conditions; genesis of 3300 Ma Na-rich granitoids in the Mount Edgar Batholith, Pilbara Block, Western Australia 60(1-4) 151-174: [1993]

Collins, W. J. (editor) and Shaw, Russell D. (editor) Time limits on tectonic events and crustal evolution using geochronology; some Australian examples 71(1-4) 1-346: [1995]

Collins, W. J., Williams, I. S., Shaw, S. E. and McLaughlin, N. A. The age of the Ormiston Pound Granite; implications for Mesoproterozoic evolution of the Arunta Inlier, central Australia 71(1-4) 91-105: [1995]

Collins, W. J. see Landenberger, B. 71(1-4) 251-263: [1995]

Collins, W. J. and Shaw, Russell D. Geochronological constraints on orogenic events in the Arunta Inlier; a review 71(1-4) 315-346: [1995]

Collins, W. J. see Lafrance, B. 72(1-2) 43-67: [1995]

Collins, W. J. see Van Kranendonk, Martin J. 88(1-4) 207-231: [1998]

Collins, William J. and Williams, Ian S. SHRIMP ionprobe dating of short-lived Proterozoic tectonic cycles in the northern Arunta Inlier, central Australia 71(1-4) 69-89: [1995]

Colmenero, J. R. see Ugidos, J. M. 84(3-4) 163-180: [1997]

Compston, D. M. Time constraints on the evolution of the Tennant Creek Block, northern Australia 71(1-4) 107-129: [1995]

Compston, W. see Armstrong, R. A. 53(3-4) 243-266: [1991]

Compston, W. see McNaughton, N. J. 60(1-4) 69-98: [1993]

Compston, W. see Samsonov, A. V. 78(1-3) 65-78: [1996]

Compston, William see Nutman, Allen P. 52(3-4) 275-300: [1991]

Compston, William see Wingate, Michael T. D. 87(3-4) 135-159: [1998]

Conaghan, P. J. see Al-Arouri, K. 100(1-3) 235-280: [2000]

Conceicao, Herbet, Sabaté, Pierre and Bonin, Bernard The Itiúba alkaline syenite massif, Bahia State (Brazil); mineralogical, geochemical and petrological constraints; relation to the genesis of rapakivi magmatism 51(1-4) 283-314: [1991]

Condie, Kent C. (editor) see Haapala, Ilmara 51(1-4) 1-468: [1991]

Condie, Kent C. Precambrian granulites and anorogenic granites; are they related? 51(1-4) 161-172: [1991]

Condie, Kent C., Boryta, Mark D., Liu Jinzhong and Qian Xianglin The origin of khondalites; geochemical evidence from the Archean to early Proterozoic granulite belt in the North China Craton 59(3-4) 207-223: [1992]

Condie, Kent C. Sources of Proterozoic mafic dyke swarms; constraints from Th/Th and La/Yb ratio 81(1-2) 3-14: [1997]

Connelly, J. N. and Heaman, L. M. U-Pb geochronological constraints on the tectonic evolution of the Grenville Province, western Labrador 63(1-2) 123-142: [1993]

Connelly, J. N. see Rougvie, J. R. 94(1-2) 49-72: [1999]

Connelly, James N. see Christoffel, Catherine A. 98(3-4) 173-195: [1999]

Connelly, Jim see Ahall, Karl-Inge 92(1) 1-20: [1998]

Connors, Karen A. and Page, Rodney W. Relationships between magmatism, metamorphism and deformation in the western Mount Isa Inlier, Australia 71(1-4) 131-153: [1995]

Cook, N. D. J. and Ashley, P. M. Meta-evaporite sequence, exhalative chemical sediments and associated rocks in the Proterozoic Willyama Supergroup, South Australia; implications for metallogenesis 56(3-4) 211-226: [1992]

Cooper, John A. see Zhao, Jian-xin 56(3-4) 227-253: [1992]

Cooray, P. G. The Precambrian of Sri Lanka; a historical review 66(1-4) 3-18: [1994]

Copeland, P. see Rougvie, J. R. 94(1-2) 49-72: [1999]

Corcoran, P. L., Mueller, W. U. and Padgham, W. A. Influence of tectonism and climate on lithofacies distribution and sandstone and conglomerate composition in the Archean Beaulieu Rapids Formation, Northwest Territories, Canada 94(3-4) 175-204: [1999]

Cordani, Umberto G. see de Brito Neves, Benjamin Bley 53(1-2) 23-40: [1991]

Cordani, Umberto G. see Nutman, Allen P. 63(3-4) 179-188: [1993]

Corfu, F. see Sarkar, G. 62(1-2) 127-137: [1993]

Corfu, F. see Sengupta, S. 77(1-2) 17-22: [1996]

Corfu, F. and Stott, G. M. Hf isotopic composition and age constraints on the evolution of the Archean central Uchi Subprovince, Ontario, Canada 78(1-3) 53-63: [1996]

Corfu, Fernando see Jackson, Steve L. 65(1-4) 183-205: [1994]

Corfu, Fernando, Davis, Donald W., Stone, Denver and Moore, Michelle L. Chronostratigraphic constraints on the genesis of Archean greenstone belts, northwestern Superior Province, Ontario, Canada 92(3) 277-295: [1998]

Corkeron, M. see Grey, K. 92(1) 65-87: [1998]

Cornee, J. J. see Villeneuve, M. 69(1-4) 307-326: [1994]

Cornell, D. H., Humphreys, H., Theart, H. F. J. and Scheepers, D. J. A collision-related pressure-temperature-time path for Prieska copper mine, Namaqua-Natal tectonic province, South Africa 59(1-2) 43-71: [1992]

Cornell, D. H., Thomas, R. J., Bowring, S. A., Armstrong, R. A. and Grantham, G. H. Protolith interpretation in metamorphic terranes; a back-arc environment with besshi-type base metal potential for the Quha Formation, Natal Province, South Africa 77(3-4) 243-271: [1996]

Cornell, D. H., Schütte, S. S. and Eglington, B. L. The Ongeluk basaltic andesite formation in Griqualand West, South Africa; submarine alteration in a 2222 Ma Proterozoic sea 79(1-2) 101-123: [1996]

Cornell, D. H. see Ahall, Karl-Inge 87(3-4) 117-135: [1998]

Cornell, David see Andersson, Jenny 98(1-2) 151-171: [1999]

Cornichet, J. see Jahn, B. M. 91(3-4) 333-363: [1998]

Corrigan, D., Rivers, T. and Dunning, G. U-Pb constraints for the plutonic and tectonometamorphic evolution of Lake Melville Terrane, Labrador and implications for basement reworking in the northeastern Grenville Province 99(1-2) 65-90: [2000]

Cosca, M. A., Shimron, A. and Caby, R. Late Precambrian metamorphism and cooling in the Arabian-Nubian Shield; petrology and $^{40}Ar/^{39}Ar$ geochronology of metamorphic rocks of the Elat area (southern Israel) 98(1-2) 107-127: [1999]

Cosca, Michael A. see Mezger, Klaus 94(3-4) 251-271: [1999]

Cosi, M., De Bonis, A., Gosso, G., Hunziker, J., Martinotti, G., Moratto, S., Robert, J. P. and Ruhlman, F. Late Proterozoic thrust tectonics, high-pressure metamorphism and uranium mineralization in the Domes area, Lufilian Arc, northwestern Zambia 58(1-4) 215-240: [1992]

Costanzo Alvarez, Vincenzo see Valdespino, Oscar E. Miron 85(1-2) 1-25: [1997]

Costi, H. T. see Dall'Agnol, Roberto 95(1-2) 9-39: [1999]

Cotter, K. L. see Hill, A. C. 100(1-3) 281-298: [2000]

Cousens, B. L. see Dostal, J. 76(1-2) 93-113: [1996]

Coward, Michael P. see Treloar, Peter J. 55(1-4) 571-587: [1992]

Cox, R. A., Dunning, G. R. and Indares, A. Petrology and U-Pb geochronology of mafic, high-pressure, metamorphic coronites from the Tshenukutish Domain, eastern Grenville Province 90(1-2) 59-83: [1998]

Creaser, Robert A. Petrogenesis of a Mesoproterozoic quartz latite-granitoid suite from the Roxby Downs area, South Australia 79(3-4) 371-394: [1996]

Creaser, Robert A. see Beakhouse, G. P. 97(1-2) 77-97: [1999]

Creaser, Robert A. see Yamashita, Katsuyuki 99(3-4) 197-224: [2000]

Crocker, C. H., Collerson, K. D., Lewry, J. F. and Bickford, M. E. Sm–Nd, U–Pb, and Rb–Sr geochronology and lithostructural relationships in the southwestern Rae Province: constraints on crustal assembly in the western Canadian Shield 61(1-2) 27-50: [1993]

Crocket, James H. see Blum, Norbert 54(2-4) 173-194: [1992]

Cruden, Alexander R. see Wahlgren, Carl-Henric 70(1-2) 67-91: [1994]

Cruden, Alexander R. see Wahlgren, Carl-Henric 78(4) 293-295: [1996]

Cruden, Alexander R. see Stephens, Michael B. 79(3-4) 261-279: [1996]

Cruden, Alexander R. see Zhang, Guowei 84(1-2) 83-103: [1997]

Cruse, Theresa and Harris, Lyal B. Ediacaran fossils from the Stirling Range Formation, Western Australia 67(1-2) 1-10: [1994]

Cullers, Robert L., DiMarco, Michael J., Lowe, Donald R. and Stone, Jim Geochemistry of a silicified, felsic volcaniclastic suite from the early Archaean Panorama Formation, Pilbara Block, Western Australia; an evaluation of depositional and post-depositional processes with special emphasis on the rare-earth elements 60(1-4) 99-116: [1993]

Cullers, Robert L., Stone, Jim, Anderson, J. Lawford, Sassarini, Nick and Bickford, Marion E. Petrogenesis of Mesoproterozoic Oak Creek and West McCoy Gulch plutons, Colorado; an example of cumulate unmixing of a mid-crustal, two-mica granite of anorogenic affinity 62(1-2) 139-169: [1993]

Culshaw, N. G. see Ketchum, J. W. F. 89(1-2) 25-45: [1998]

Culshaw, Nicholas and Dostal, Jarda Sand Bay gneiss association, Grenville Province, Ontario; a Grenvillian rift- (and -drift) assemblage stranded in the Central Gneiss Belt? 85(1-2) 97-113: [1997]

Cunha, J. C. see Martin, H. 82(1-2) 35-62: [1997]

Cunningham, Dickson, Alkmim, Fernando F. and Marshak, Stephen A structural transect across the coastal mobile belt in the Brazilian Highlands (latitude 20°S); the roots of a Precambrian transpressional orogen 92(3) 251-275: [1998]

Cunningham, Dickson see Brueckner, Hannes K. 99(3-4) 255-269: [2000]

Cunningham, W. Dickson, Marshak, Stephen and Alkmim, Fernando F. Structural style of basin inversion at mid-crustal levels; two transects in the internal zone of the Brasiliano Araçuai Belt, Minas Gerais, Brazil 77(1-2) 1-15: [1996]

Currie, K. L. see Williams, P. R. 62(3) 343-365: [1993]

da S. Leite, A. A. see Dall'Agnol, Roberto 95(1-2) 9-39: [1999]

da Silva Filho, A. F. see Beurlen, H. 58(1-4) 195-214: [1992]

da Silva Filho, A. F., Guimaraes, I. P. and Thompson, R. N. Shoshonitic and ultrapotassic Proterozoic intrusive suites in the Cachoeirinha–Salgueiro Belt, NE Brazil; a transition from collisional to post-collisional magmatism 62(3) 323-342: [1993]

Dada, S. S. Crust-forming ages and Proterozoic crustal evolution in Nigeria; reappraisal of current interpretations 87(1-2) 65-74: [1998]

d'Agrella Filho, M. S., Babinski, M., Trindade, R. I. F., Van Schmus, W. R. and Ernesto, M. Simultaneous remagnetization and U-Pb isotope resetting in Neoproterozoic carbonates of the Sao Francisco Craton, Brazil 99(3-4) 179-196: [2000]

d'Agrella Filho, M. S. see Raposo, M. I. B. 99(3-4) 309-325: [2000]

d'Agrella Filho, Manoel S. see Teixeira, Wilson 93(2-3) 153-180: [1999]

Dahlgren, Sven H. see Kullerud, Lars 64(1-4) 389-402: [1993]

Dall'Agnol, Roberto, Costi, H. T., da S. Leite, A. A., de Magalhaes, M. S. and Teixeira, N. P. Rapakivi granites from Brazil and adjacent areas 95(1-2) 9-39: [1999]

Dallmeyer, R. D. see Attoh, Kodjopa 82(1-2) 153-171: [1997]

Dallmeyer, R. David $^{40}Ar/^{39}Ar$ mineral ages within the Western Gneiss Terrane, Troms, Norway; evidence for polyphase Proterozoic tectonothermal activity (Svecokarilian and Sveconorwegian) 57(3-4) 195-206: [1992]

Dalstra, Hilko J. see Bloem, Erik J. M. 85(3-4) 147-171: [1997]

Daly, J. Stephen, Mitrofanov, Felix P. and Morozova, Lyudmila N. Late Archaean Sm-Nd model ages from the Voche-Lambina area; implications for the age distribution of Archaean crust in the Kola Peninsula, Russia 64(1-4) 189-195: [1993]

Daly, J. Stephen see Timmerman, Martin J. 72(1-2) 97-107: [1995]

Daly, J. Stephen see Brewer, Tim S. 92(3) 297-315: [1998]

Danielson, Antje see Macfarlane, Andrew W. 65(1-4) 297-317: [1994]

Danielson, Antje (editor) see Kaufman, Alan J. 79(1-2) 1-194: [1996]

Das, Ashis K., Piper, J. D. A., Mallik, S. Basu and Sherwood, G. J. Palaeomagnetic study of Archaean Banded Hematite Jasper rocks from the Singhbhum–Orissa Craton, India 80(3-4) 193-204: [1996]

Dasgupta, Somnath, Guha, Dipayan, Sengupta, Pulak, Miura, Hiroyuki and Ehl, Jürgen Pressure-temperature-fluid evolution history of the polymetamorphic Sandmata granite complex, northwestern India 83(4) 267-290: [1997]

Dash, Manas R. see Asthana, Deepanker 84(1-2) 105-111: [1997]

Dastidar, S. see Naha, K. 72(3-4) 283-299: [1995]

David, J. see Machado, N. 63(3-4) 211-223: [1993]

David, J., Bailes, A. H. and Machado, N. Evolution of the Snow Lake portion of the Palaeoproterozoic Flin Flon and Kisseynew belts, Trans-Hudson Orogen, Manitoba, Canada 80(1-2) 107-124: [1996]

Davids, C., Wijbrans, J. R. and White, S. H. $^{40}Ar/^{39}Ar$ laserprobe ages of metamorphic hornblendes from the Coongan Belt, Pilbara, Western Australia 83(4) 221-242: [1997]

Davis, C. see Smith, D. R. 98(3-4) 271-305: [1999]

Davis, D. W. see Hirdes, Wolfgang 56(1-2) 89-96: [1992]

Davis, D. W. see Thorpe, R. I. 56(3-4) 169-189: [1992]

Davis, D. W., Hirdes, W., Schaltegger, U. and Nunoo, E. A. U-Pb age constraints on deposition and provenance of Birimian and gold-bearing Tarkwaian sediments in Ghana, West Africa 67(1-2) 89-107: [1994]

Davis, D. W. see Hirdes, W. 80(3-4) 173-191: [1996]

Davis, Donald W. see Ayer, J. A. 81(3-4) 155-178: [1997]

Davis, Donald W. see Oberthur, Thomas 89(3-4) 129-143: [1998]

Davis, Donald W. see Corfu, Fernando 92(3) 277-295: [1998]

Davis, Donald W. see King, Elizabeth M. 92(4) 365-387: [1998]

Davis, W. J., Fryer, B. J. and King, J. E. Geochemistry and evolution of late Archean plutonism and its significance to the tectonic development of the Slave Craton 67(3-4) 207-241: [1994]

Davy, R. see Witt, W. K. 83(1-3) 133-183: [1997]

Dawes, Peter R. see Samuelsson, Joakim 96(1-2) 1-23: [1999]

Dawson, E. M. and Hargraves, R. B. Paleomagnetism of Precambrian dike swarms in the Harohalli area, south of Bangalore, India 69(1-4) 157-167: [1994]

Dayal, A. M. see Kumar, Anil 62(3) 227-237: [1993]

de Beer, J. H. see Roering, Chris 55(1-4) 69-80: [1992]

de Beer, J. H. and Stettler, E. H. The deep structure of the Limpopo Belt from geophysical studies 55(1-4) 173-186: [1992]

de Beer, J. H. see Roering, Chris 55(1-4) 539-552: [1992]

De Bonis, A. see Cosi, M. 58(1-4) 215-240: [1992]

de Brito Neves, Benjamin Bley and Cordani, Umberto G. Tectonic evolution of South America during the late Proterozoic 53(1-2) 23-40: [1991]

de Bruijne, Karen C. H. see Nijman, Wouter 88(1-4) 25-52: [1998]

De Groot, Pier A. and Baker, James H. High element mobility in 1.9-1.86 Ga hydrothermal alteration zones, Bergslagen, central Sweden; relationships with exhalative Fe-ore mineralizations 54(2-4) 109-130: [1992]

de Haas, Geert-Jan L. M., Verschure, Rob H. and Maijer, Cornelis Isotopic constraints on the timing of crustal accretion of the Bamble Sector, Norway, as evidenced by coronitic gabbros 64(1-4) 403-417: [1993]

de Keijzer, M. see Zegers, T. E. 80(1-2) 89-105: [1996]

de Keijzer, M. see Zegers, T. E. 88(1-4) 233-247: [1998]

de Kock, Gerrit S. Forearc basin evolution in the Pan-African Damara Belt, central Namibia; the Hureb Formation of the Khomas Zone 57(3-4) 169-194: [1992]

de Laeter, J. R. see Tyler, I. M. 54(2-4) 211-229: [1992]

de Laeter, J. R. see Nelson, D. R. 54(2-4) 231-256: [1992]

de Laeter, J. R. see Bickle, M. J. 60(1-4) 117-149: [1993]

de Magalhaes, M. S. see Dall'Agnol, Roberto 95(1-2) 9-39: [1999]

de Melo-Filho, Leonil de Soares see Fairchild, Thomas R. 80(1-2) 125-152: [1996]

De Paoli, G. R. see Iyer, S. S. 77(1-2) 23-40: [1996]

de Wit, Maarten J. see van Reenen, Dirk D. 55(1-4) 1-5: [1992]

de Wit, Maarten J. (editor) see van Reenen, Dirk D. 55(1-4) 1-587: [1992]

de Wit, Maarten J. see Roering, Chris 55(1-4) 69-80: [1992]

de Wit, Maarten J., van Reenen, Dirk D. and Roering, Chris Geologic observations across a tectono-metamorphic boundary in the Babangu area, Giyani (Sutherland) greenstone belt, South Africa 55(1-4) 111-122: [1992]

de Wit, Maarten J., Jones, Michael G. and Buchanan, Dennis L. The geology and tectonic evolution of the Pietersburg greenstone belt, South Africa 55(1-4) 123-153: [1992]

de Wit, Maarten J. see Roering, Chris 55(1-4) 539-552: [1992]

de Wit, Maarten J. see van Schalkwyk, Jackie F. 61(1-2) 67-88: [1993]

de Wit, Maarten J. On Archean granites, greenstones, cratons and tectonics; does the evidence demand a verdict? 91(1-2) 181-227: [1998]

de Wit, Maarten J. On Archean granites, greenstones, cratons and tectonics; does the evidence demand a verdict? [erratum] 96(1-2) 141-142: [1999]

Deb, M. see Munshi, R. L. 61(1-2) 165-168: [1993]

Deblond, A. see Tack, L. 68(3-4) 323-356: [1994]

Dec, Tomasz, O'Brien, Sean J. and Knight, Ian Late Precambrian volcaniclastic deposits of the Avalonian Eastport Basin (Newfoundland Appalachians); petrofacies, detrital clinopyroxene geochemistry and palaeotectonic implications 59(3-4) 243-262: [1992]

Delor, C. see Doumbia, S. 87(1-2) 33-63: [1998]

Delor, Claude see Kouamelan, Alain N. 86(3-4) 177-199: [1997]

Delor, Claude P. see Black, Lance P. 59(1-2) 95-123: [1992]

Delor, Claude P. see Beeson, John 75(1-2) 47-63: [1995]

Demaiffe, Daniel see Bingen, Bernard 90(3-4) 159-185: [1998]

Deomurari, M. P. see Mishra, S. 93(2-3) 139-151: [1999]

Desta, Zerihun see Wolde, Begashaw 80(3-4) 261-279: [1996]

Dickin, A. P. see Guo, A. 77(3-4) 231-241: [1996]

Dickin, A. P. Nd isotope mapping of a cryptic continental suture, Grenville Province of Ontario 91(3-4) 433-444: [1998]

Dickin, A. P. Pb isotope mapping of differentially uplifted Archean basement; a case study from the Grenville Province, Ontario 91(3-4) 445-454: [1998]

Dilliard, K. A., Simpson, E. L., Noto, R. C. and Wizevich, M. Characterization of fluvial deposits interbedded with flood basalts, Neoproterozoic Catoctin Formation, Central Appalachians, USA 97(1-2) 115-134: [1999]

DiMarco, Michael J. see Cullers, Robert L. 60(1-4) 99-116: [1993]

Dirks, P. see Zegers, T. E. 80(1-2) 89-105: [1996]

Dirks, P. H. G. M., Hoek, J. D., Wilson, C. J. L. and Sims, J. The Proterozoic deformation of the Vestfold Hills Block, East Antarctica; implications for the tectonic development of adjacent granulite belts 65(1-4) 277-295: [1994]

Dirks, P. H. G. M. (editor), Passchier, C. W. (editor) and Hoek, J. D. (editor) Tectonics of East Antarctica 75(3-4) 119-277: [1995]

Dirks, P. H. G. M. and Wilson, C. J. L. Crustal evolution of the East Antarctic mobile belt in Prydz Bay; continental collision at 500 Ma? 75(3-4) 189-207: [1995]

Dirks, Paul H. G. M. and Norman, Anthony R. Physical sedimentation processes on a mid-Proterozoic (1800 Ma) shelf; the Reynolds Range Group, Arunta Block, central Australia 59(3-4) 225-241: [1992]

Dirks, Paul H. G. M. see Zhang Jiasheng 67(1-2) 37-57: [1994]

Dirks, Paul H. G. M. see Vinyu, Michael L. 98(1-2) 67-82: [1999]

Dix, George R., Thomson, Margaret L., Longstaffe, Fred J. and McNutt, Robert H. Systematic decrease of high $\delta^{13}C$ values with burial in late Archaean (2.8 Ga) diagenetic dolomite; evidence for methanogenesis from the Crixas greenstone belt, Brazil 70(3-4) 253-268: [1995]

D'Lemos, R. S. see Nance, R. D. 53(1-2) 41-78: [1991]

D'Lemos, Richard S. see Brown, Michael 51(1-4) 393-427: [1991]

Dobretsov, N. L., Konnikov, E. G. and Dobretsov, N. N. Precambrian ophiolite belts of southern Siberia, Russia, and their metallogeny 58(1-4) 427-446: [1992]

Dobretsov, N. N. see Dobretsov, N. L. 58(1-4) 427-446: [1992]

Doherty, W. see Sage, Ron P. 76(3-4) 119-153: [1996]

Doherty, W. see Sage, Ron P. 76(3-4) 155-190: [1996]

Doig, R. see Barton, J. M., Jr. 55(1-4) 451-467: [1992]

Dommanget, Alain see Milesi, Jean-Pierre 58(1-4) 305-344: [1992]

Donaldson, J. A. see Mueller, W. 68(3-4) 201-230: [1994]

Dook, V. L. see Velikoslavinsky, S. D. 62(4) 507-525: [1993]

Doppelhammer, Sheila K. and Hargraves, R. B. Paleomagnetism of the Schuller and Franspoort kimberlite pipes in South Africa and an improved Premier pole 69(1-4) 193-197: [1994]

Dossin, I. see Chauvet, A. 68(1-2) 139-167: [1994]

Dostal, J. see Lafleche, M. R. 52(1-2) 71-96: [1991]

Dostal, J., Keppie, J. D. and Zhai, M. Geochemistry of mineralized and barren, late Proterozoic felsic volcanic rocks in southeastern Cape Breton Island, Nova Scotia (Canada) 56(1-2) 33-49: [1992]

Dostal, J., Dupuy, C. and Caby, R. Geochemistry of the Neoproterozoic Tilemsi Belt of Iforas (Mali, Sahara); a crustal section of an oceanic island arc 65(1-4) 55-69: [1994]

Dostal, J., Keppie, J. D., Cousens, B. L. and Murphy, J. B. 550-580 Ma magmatism in Cape Breton Island (Nova Scotia, Canada); the product of NW-dipping subduction during the final stage of amalgamation of Gondwana 76(1-2) 93-113: [1996]

Dostal, Jarda see Culshaw, Nicholas 85(1-2) 97-113: [1997]

Doucet, P. see Mueller, W. 68(3-4) 201-230: [1994]

Douglass, J. see Smith, D. R. 98(3-4) 271-305: [1999]

Doumbia, S., Pouclet, A., Kouamelan, A. N., Peucat, J. J., Vidal, M. and Delor, C. Petrogenesis of juvenile-type Birimian (Paleoproterozoic) granitoids in central Côte-d'Ivoire, West.Africa; geochemistry and geochronology 87(1-2) 33-63: [1998]

Draganic, I. G., Bjergbakke, E., Draganic, Z. D. and Sehested, K. Decomposition of ocean waters by potassium-40 radiation 3800 Ma ago as a source of oxygen and oxidizing species 52(3-4) 337-345: [1991]

Draganic, Z. D. see Draganic, I. G. 52(3-4) 337-345: [1991]

Droop, Giles T. R. see Stevens, Gary 82(1-2) 113-132: [1997]

Drugova, G. M. see Glebovitsky, V. A. 62(4) 493-505: [1993]

Drummond, B. J. see Swager, C. P. 83(1-3) 43-56: [1997]

Du Rulin, Wang Qizheng and Tian Lifu Catalogue of algal megafossils from the Proterozoic of China 73(1-4) 291-298: [1995]

Dubey, A. K. see Bhat, M. I. 87(3-4) 217-231: [1998]

Duchesne, J. C. see Tack, L. 68(3-4) 323-356: [1994]

Duchesne, J. C. see Liegeois, J. P. 80(3-4) 281-301: [1996]

Dudek, A. see Jelinek, E. 62(1-2) 103-125: [1993]

Dulski, Peter see Bau, Michael 79(1-2) 37-55: [1996]

Dunlap, James W. and Teyssier, Christian Paleozoic deformation and isotopic disturbance in the southeastern Arunta Block, central Australia 71(1-4) 229-250: [1995]

Dunning, G. see Corrigan, D. 99(1-2) 65-90: [2000]

Dunning, G. R. see Cox, R. A. 90(1-2) 59-83: [1998]

Dunphy, J. M. and Ludden, J. N. Petrological and geochemical characteristics of a Paleoproterozoic magmatic arc (Narsajuaq Terrane, Ungava Orogen, Canada) and comparisons to Superior Province granitoids 91(1-2) 109-142: [1998]

Dupuis, D. see Pons, J. 70(3-4) 281-301: [1995]

Dupuy, C. see Lafleche, M. R. 52(1-2) 71-96: [1991]

Dupuy, C. see Lafleche, Marc R. 57(3-4) 207-241: [1992]

Dupuy, C. see Dostal, J. 65(1-4) 55-69: [1994]

Durrheim, R. J., Barker, W. H. and Green, R. W. E. Seismic studies in the Limpopo Belt 55(1-4) 187-200: [1992]

Dymek, Robert F. see Smith, Michael S. 57(1-2) 49-90: [1992]

Dypvik, Henning see Krinsley, David 61(3-4) 191-207: [1993]

Dyson, Ian A. see Christie-Blick, Nicholas 73(1-4) 3-26: [1995]

Edgell, H. S. Proterozoic salt basins of the Persian Gulf area and their role in hydrocarbon generation 54(1) 1-14: [1991]

Edgoose, C. J. see Young, D. N. 71(1-4) 45-68: [1995]

Edwards, Garth R. see King, Elizabeth M. 92(4) 365-387: [1998]

Edwards, Marcia D. see Fairchild, Thomas R. 80(1-2) 125-152: [1996]

Egal, Emmanual see Vanderhaeghe, Olivier 92(2) 165-194: [1998]

Eglington, B. L. see Cornell, D. H. 79(1-2) 101-123: [1996]

Eglington, B. M. see Thomas, R. J. 62(1-2) 83-101: [1993]

Eguiluz, L. and Abalos, B. Tectonic setting of Cadomian low-pressure metamorphism in the central Ossa-Morena Zone (Iberian Massif, SW Spain) 56(1-2) 113-137: [1992]

Ehl, Jurgen see Dasgupta, Somnath 83(4) 267-290: [1997]

Ehlers, Carl, Lindroos, Alf and Selonen, Olavi The late Svecofennian granite-migmatite zone of southern Finland; a belt of transpressive deformation and granite emplacement 64(1-4) 295-309: [1993]

Ehlers, K. see Stevens, B. P. J. 98(1-2) 1-10: [1999]

Ehlers, Karin see Nutman, Allen P. 90(3-4) 203-238: [1998]

Einaudi, Marco T. see Hitzman, Murray W. 58(1-4) 241-287: [1992]

Eisenlohr, B. see Krapez, B. 88(1-4) 173-205: [1998]

Eisenlohr, B. N. see Hirdes, Wolfgang 56(1-2) 89-96: [1992]

Eklund, O. and Shebanov, A. D. The origin of rapakivi texture by sub-isothermal decompression 95(1-2) 129-146: [1999]

Eko N'dong, J. see Feybesse, J. L. 87(3-4) 161-216: [1998]

Ekstrom, Harold, Morrison, Jean and Anderson, J. Lawford Petrogenetic modeling and stable isotopic evaluation of anorthositic and jotunitic to syenitic magma series in the San Gabriel anorthosite complex, Southern California 70(1-2) 1-24: [1994]

Eliasson, Thomas and Schöberg, Hans U-Pb dating of the post-kinematic Sveconorwegian (Grenvillian) Bohus Granite, SW Sweden; evidence of restitic zircon 51(1-4) 337-350: [1991]

Ellis, D. J. and Maboko, M. A. H. Precambrian tectonics and the physicochemical evolution of the continental crust; I, The gabbro-eclogite transition revisited 55(1-4) 491-506: [1992]

Ellis, D. J. Precambrian tectonics and the physicochemical evolution of the continental crust; II, Lithosphere delamination and ensialic orogeny 55(1-4) 507-524: [1992]

Ellis, D. J. see Young, D. N. 86(1-2) 1-19: [1997]

Ellis, David J. see Zhao, Jian-xin 81(1-2) 37-66: [1997]

Elming, S. A. see Ohlander, Bjorn 64(1-4) 67-84: [1993]

Elming, Sten-Ake Palaeomagnetism of Precambrian rocks in northern Sweden and its correlation to radiometric data 69(1-4) 61-79: [1994]

Elo, S. and Korja, A. Geophysical interpretation of the crustal and upper mantle structure in the Wiborg rapakivi granite area, southeastern Finland 64(1-4) 273-288: [1993]

Els, B. G. see Karpeta, W. P. 97(3-4) 191-214: [1999]

Emslie, R. F. Granitoids of rapakivi granite-anorthosite and related associations 51(1-4) 173-192: [1991]

Emslie, Ronald F. see Bruce Ryan, A. 68(1-2) 179-181: [1994]

Endo, Issamu see Chemale, Farid, Jr. 65(1-4) 25-54: [1994]

Eriksson, Kenneth A. (reviewer) A field guide on "the upper Vindhyans of Maihar" [book review] 70(1-2) 168: [1994]

Eriksson, Kenneth A. In memoriam, Bartholomew Nagy 76(3-4) 229-230: [1996]

Eriksson, Kenneth A. see Fedo, Christopher M. 77(3-4) 161-178: [1996]

Eriksson, Patrick G. and Cheney, Eric S. Evidence for the transition to an oxygen-rich atmosphere during the evolution of red beds in the lower Proterozoic sequences of southern Africa 54(2-4) 257-269: [1992]

Eriksson, Patrick G., Reczko, Boris F. F. and Piper, David P. An interpretation of boron contents within a Palaeoproterozoic volcano-sedimentary succession; Pretoria Group, Transvaal Supergroup, South Africa 78(4) 273-287: [1996]

Eriksson, Patrick G., Reczko, B. F. F., Cheney, E. S. and Winter, H. de la R. The late Archean to Mesoproterozoic major unconformity-bounded units of the Kaapvaal Province of Southern Africa [discussion and reply] 81(1-2) 145-149: [1997]

Eriksson, Patrick G., Bose, Pradip K. and Altermann, Wladyslaw Preface; Variation in sea level and continental freeboard; evidence from the Precambrian volcano-sedimentary record 97(3-4) 137-141: [1999]

Eriksson, Patrick G. (editor), Bose, Pradip K. (editor) and Altermann, Wladyslaw (editor) Variation in sea level and continental freeboard; evidence from the Precambrian volcano-sedimentary record 97(3-4) 137-323: [1999]

Eriksson, Patrick G. Sea level changes and the continental freeboard concept; general principles and application to the Precambrian 97(3-4) 143-154: [1999]

Eriksson, Patrick G. see Catuneanu, Octavian 97(3-4) 215-251: [1999]

Eriksson, Patrick G., Mazumder, R., Sarkar, S., Bose, Pradip K., Altermann, Wladyslaw and van der Merwe, R. The 2.7-2.0 Ga volcano-sedimentary record of Africa, India and Australia; evidence for global and local changes in sea level and continental freeboard 97(3-4) 269-302: [1999]

Ermanovics, I. see Theriault, R. J. 81(1-2) 15-35: [1997]

Ernesto, M. see d'Agrella Filho, M. S. 99(3-4) 179-196: [2000]

Evangelakakis, Christos see Voll, Gerhard 66(1-4) 351-377: [1994]

Evans, B. J. see Wilde, S. A. 78(1-3) 179-196: [1996]

Evans, D. M. and King, A. R. Sediment and shear-hosted gold mineralization of the Tartoq Group supracrustals, Southwest Greenland 62(1-2) 61-82: [1993]

Evans, David A. D., Li, Z. X., Kirschvink, Joseph L. and Wingate, Michael T. D. A high-quality mid-Neoproterozoic paleomagnetic pole from South China, with implications for ice ages and the breakup configuration of Rodinia 100(1-3) 313-334: [2000]

Evensen, Norman M. see Hu, Qiang 91(3-4) 287-294: [1998]

Fairchild, Ian J., Knoll, Andrew H. and Swett, Keene Coastal lithofacies and biofacies associated with syndepositional dolomitization and silicification (Draken Formation, upper Riphean, Svalbard) 53(3-4) 165-197: [1991]

Fairchild, Ian J. Origins of carbonate in Neoproterozoic stromatolites and the identification of modern analogues 53(3-4) 281-299: [1991]

Fairchild, Ian J. and Hambrey, Michael J. Vendian basin evolution in East Greenland and NE Svalbard 73(1-4) 217-233: [1995]

Fairchild, Thomas R., Schopf, J. William, Shen-Miller, J., Guimaraes, Edi M., Edwards, Marcia D., Lagstein, Amir, Li, Xiao, Pabst, Mark and de Melo-Filho, Leonil de Soares Recent discoveries of Proterozoic microfossils in south-central Brazil 80(1-2) 125-152: [1996]

Fallick, Anthony E. see Melezhik, Victor A. 82(3-4) 311-348: [1997]

Falter, M. see Jacobs, J. 86(1-2) 71-92: [1997]

Fanning, C. M. see Young, D. N. 71(1-4) 45-68: [1995]

Fanning, C. M. see Camacho, A. 71(1-4) 155-181: [1995]

Fanning, C. M. see Potrel, A. 90(3-4) 107-117: [1998]

Fanning, C. M. see Peucat, J. J. 94(3-4) 205-224: [1999]

Farmer, G. Lang see Ball, Theodore T. 87(1-2) 1-18: [1998]

Farrell, T. R. see Landenberger, B. 71(1-4) 251-263: [1995]

Faryad, S. W. Metamorphic evolution of the Precambrian South Badakhshan Block, based on mineral reactions in metapelites and metabasites associated with whiteschists from Sare Sang (western Hindu Kush, Afghanistan) 98(3-4) 223-241: [1999]

Faulhaber, S. see Schumacher, R. 66(1-4) 295-308: [1994]

Faure, Kevin and Harris, Chris Oxygen and carbon isotope geochemistry of the 3.2 Ga Kaap Valley Tonalite, Barberton greenstone belt, South Africa 52(3-4) 301-319: [1991]

Faure, M. see Chauvet, A. 68(1-2) 139-167: [1994]

Faure, M. see Chauvet, A. 84(3-4) 139-162: [1997]

Fedo, C. M., Young, G. M., Nesbitt, H. W. and Hanchar, J. M. Potassic and sodic metasomatism in the Southern Province of the Canadian Shield; evidence from the Paleoproterozoic Serpent Formation, Huronian Supergroup, Canada 84(1-2) 17-36: [1997]

Fedo, Christopher M. and Eriksson, Kenneth A. Stratigraphic framework of the ~3.0 Ga Buhwa greenstone belt; a unique stable-shelf succession in the Zimbabwe Archean craton 77(3-4) 161-178: [1996]

Fedo, Christopher M., Young, Grant M. and Nesbitt, H. Wayne Paleoclimatic control on the composition of the Paleoproterozoic Serpent Formation, Huronian Supergroup, Canada; a greenhouse to icehouse transition 86(3-4) 201-223: [1997]

Feraud, G. see Neves, S. P. 99(1-2) 1-32: [2000]

Ferrar, G. see Grantham, G. H. 75(3-4) 209-229: [1995]

Ferreira Filho, Cesar F., Nilson, Ariplinio A. and Naldrett, Anthony J. The Niquelandia mafic-ultramafic complex, Goias, Brazil; a contribution to the ophiolite X stratiform controversy based on new geological and structural data 59(1-2) 125-143: [1992]

Ferreira Filho, Cesar F., Kamo, Sandra L., Fuck, Reinhardt A., Krogh, T. E. and Naldrett, Anthony J. Zircon and rutile U-Pb geochronology of the Niquelandia layered mafic and ultramafic intrusion, Brazil; constraints for the timing of magmatism and high grade metamorphism 68(3-4) 241-255: [1994]

Feybesse, J. L. see Castaing, C. 69(1-4) 327-344: [1994]

Feybesse, J. L., Johan, V., Triboulet, C., Guerrot, C., Mayaga-Mikolo, F., Bouchot, V. and Eko N'dong, J. The West Central African Belt; a model of 2.5-2.0 Ga accretion and two-phase orogenic evolution 87(3-4) 161-216: [1998]

Feybesse, Jean-Louis see Milesi, Jean-Pierre 58(1-4) 305-344: [1992]

Feybesse, Jean-Louis and Milési, Jean-Pierre The Archaean/Proterozoic contact zone in West Africa; a mountain belt of décollement thrusting and folding on a continental margin related to 2.1 Ga convergence of Archaean cratons? 69(1-4) 199-227: [1994]

Feybesse, Jean-Louis see Bouchot, Vincent 77(3-4) 143-159: [1996]

Field, D. see Smalley, P. C. 53(3-4) 233-242: [1991]

Figueiredo, Mario Cesar Heredia see Teixeira, Wilson 53(1-2) 1-22: [1991]

Fiorentini, E. see Hoernes, S. 66(1-4) 183-198: [1994]

Fiorentini, E. see Hoffbauer, Radegund 66(1-4) 199-220: [1994]

Fitzsimons, Ian C. W. see Harley, Simon L. 66(1-4) 309-323: [1994]

Fleet, Michael E. see Pan, Yuanming 52(1-2) 53-69: [1991]

Fleet, Michael E. see Pan, Yuanming 74(1-2) 73-89: [1995]

Fleet, Michael E. see Pan, Yuanming 92(2) 117-128: [1998]

Fletcher, I. R. see Tyler, I. M. 54(2-4) 211-229: [1992]

Fletcher, I. R. see Nelson, D. R. 54(2-4) 231-256: [1992]

Florence, Frank P. see Spear, Frank S. 55(1-4) 209-241: [1992]

Flottmann, Thomas and Oliver, Robin Review of Precambrian-Palaeozoic relationships at the craton margins of southeastern Australia and adjacent Antarctica 69(1-4) 293-306: [1994]

Fluh, E. R. see Kern, H. 64(1-4) 169-187: [1993]

Fluh, Ernst R. see Walther, Christian 64(1-4) 153-168: [1993]

Foden, J., Mawby, J., Kelley, S., Turner, S. and Bruce, D. Metamorphic events in the eastern Arunta Inlier; Part 2, Nd-Sr-Ar isotopic constraints 71(1-4) 207-227: [1995]

Foden, J. see Barovich, K. M. 100(1-3) 213-234: [2000]

Foster, R. P. (reviewer) Evolution of ore-bearing Precambrian structures [book review] 81(1-2) 151-152: [1997]

Frank, W. see Frimmel, H. E. 90(1-2) 1-28: [1998]

Franke, Dietrich The southern border of Baltica; a review of the present state of knowledge 64(1-4) 419-430: [1993]

Franklin, J. M. see Poulsen, K. H. 58(1-4) 25-54: [1992]

Frei, R. see Holzer, L. 87(1-2) 87-115: [1998]

Frei, R. see Kamber, B. S. 91(3-4) 269-285: [1998]

Friedman, Richard see Martignole, Jacques 92(2) 145-164: [1998]

Friend, C. R. L. see Whitehouse, Martin J. 91(3-4) 229-231: [1998]

Friend, Clark R. L. (reviewer) Archean crustal evolution [book review] 78(4) 299-301: [1996]

Friend, Clark R. L. see Nutman, Allen P. 78(1-3) 1-39: [1996]

Friend, Clark R. L. (reviewer) The evolving continents [book review] 81(1-2) 152-154: [1997]

Friend, Clark R. L. (reviewer) Precambrian crustal evolution in the North Atlantic region [book review] 82(1-2) 174-175: [1997]

Friend, Clark R. L. see McGregor, V. R. 86(1-2) 59-70: [1997]

Friend, Clark R. L. (editor) see Whitehouse, Martin J. 91(3-4) 229-456: [1998]

Frietsch, Rudyard see Perdahl, Jan-Anders 64(1-4) 239-252: [1993]

Frietsch, Rudyard see Billstrom, Kjell 81(1-2) 83-99: [1997]

Frimmel, H. E. and Frank, W. Neoproterozoic tectono-thermal evolution of the Gariep Belt and its basement, Namibia and South Africa 90(1-2) 1-28: [1998]

Frost, B. Ronald, Avchenko, Oleg V., Chamberlain, Kevin R. and Frost, Carol D. Evidence for extensive Proterozoic remobilization of the Aldan Shield and implications for Proterozoic plate tectonic reconstructions of Siberia and Laurentia 89(1-2) 1-23: [1998]

Frost, B. Ronald see Frost, Carol D. 89(3-4) 145-173: [1998]

Frost, Carol D. see Frost, B. Ronald 89(1-2) 1-23: [1998]

Frost, Carol D., Frost, B. Ronald, Chamberlain, Kevin R. and Hulsebosch, Thomas P. The late Archean history of the Wyoming Province as recorded by granitic magmatism in the Wind River Range, Wyoming 89(3-4) 145-173: [1998]

Fryer, B. J. see Davis, W. J. 67(3-4) 207-241: [1994]

Fuck, Reinhardt A. see Pimentel, Marcio M. 52(3-4) 321-335: [1991]

Fuck, Reinhardt A. see Ferreira Filho, Cesar F. 68(3-4) 241-255: [1994]

Fuck, Reinhardt A. see Pimentel, Marcio M. 80(3-4) 217-238: [1996]

Fuck, Reinhardt A. see Pimentel, Marcio M. 81(3-4) 299-310: [1997]

Fullagar, Paul D. see Su, Qi 68(1-2) 81-95: [1994]

Fyfe, W. S. Energy flow and geosphere interactions Archaean to the present; the foundation of the global resource base 91(1-2) 5-13: [1998]

Fyon, J. Andy see Jackson, Steve L. 65(1-4) 183-205: [1994]

Gaal, Gabor (editor) and Schulz, Klaus J. (editor) Precambrian metallogeny related to plate tectonics 58(1-4) 1-446: [1992]

Gala, M. G., Symons, D. T. A. and Palmer, H. C. Geotectonics of the Hanson Lake Block, Trans-Hudson Orogen, central Canada; a preliminary paleomagnetic report 90(1-2) 85-101: [1998]

Galer, Stephen J. G. and Mezger, Klaus Metamorphism, denudation and sea level in the Archean and cooling of the Earth 92(4) 387-412: [1998]

Galindo, A. C. see Archanjo, C. J. 87(1-2) 19-32: [1998]

Gall, Quentin The Proterozoic Thelon Paleosol, Northwest Territories, Canada 68(1-2) 115-137: [1994]

Gannibal, Ludmila F. see Gee, David G. 70(3-4) 215-234: [1995]

Gao Shan, Zhang Benren, Wang Dongpo, Ouyang Jiangping and Xie Qianli Geochemical evidence for the Proterozoic tectonic evolution of the Qinling orogenic belt and its adjacent margins of the North China and Yangtze cratons 80(1-2) 23-48: [1996]

Gariepy, C. see Machado, N. 63(3-4) 211-223: [1993]

Gariepy, C. see Stevenson, R. 96(1-2) 83-99: [1999]

Gauther, Michel see Sangster, A. L. 58(1-4) 401-426: [1992]

Gee, David G., Johansson, Ake, Ohta, Yoshihide, Tebenkov, Alexander M., Krasil'schikov, Alexander A., Balashov, Yuri A., Larionov, Alexander N., Gannibal, Ludmila F. and Ryungenen, Genrich I. Grenvillian basement and a major unconformity within the Caledonides of Nordaustlandet, Svalbard 70(3-4) 215-234: [1995]

Gehling, J. G. Environmental interpretation and a sequence stratigraphic framework for the terminal Proterozoic Ediacara Member within the Rawnsley Quartzite, South Australia 100(1-3) 65-95: [2000]

Gentzis, T. see Mossman, D. J. 61(3-4) 279-293: [1993]

George, A. D. see Martin, D. McB. 99(1-2) 33-64: [2000]

Germs, Gerard J. B. see Gresse, P. G. 63(3-4) 247-272: [1993]

Germs, Gerard J. B. The Neoproterozoic of southwestern Africa, with emphasis on platform stratigraphy and paleontology 73(1-4) 137-151: [1995]

Germs, Gerard J. B. see Saylor, Beverly Z. 73(1-4) 153-171: [1995]

Ghebreab, W. Tectono-metamorphic history of Neoproterozoic rocks in eastern Eritrea 98(1-2) 83-105: [1999]

Gibb, A. J. see Kamber, B. S. 91(3-4) 269-285: [1998]

Gibson, George M. see Wingate, Michael T. D. 87(3-4) 135-159: [1998]

Gibson, Roger L. see Stevens, Gary 82(1-2) 113-132: [1997]

Giddings, J. W. see Idnurm, M. 72(1-2) 1-41: [1995]

Giddings, John W. see Wingate, Michael T. D. 100(1-3) 335-357: [2000]

Girardi, Vicente Antonio Vitorio see Mazzucchelli, Maurizio 74(3) 177-194: [1995]

Glebovitsky, V. A. see Sedova, I. S. 62(4) 431-451: [1993]

Glebovitsky, V. A. and Drugova, G. M. Tectonothermal evolution of the western Aldan Shield, Siberia 62(4) 493-505: [1993]

Glover, J. E. Sediments of early Archaean coastal plains; a possible environment for the origin of life 56(1-2) 159-166: [1992]

Gnaneshwar Rao, T. see Manikyamba, C. 84(3-4) 117-138: [1997]

Goellnicht, N. M., Groves, D. I. and McNaughton, N. J. Late Proterozoic fractionated granitoids of the mineralized Telfer area, Paterson Province, Western Australia 51(1-4) 375-391: [1991]

Goldberg, Steven A. see Su, Qi 68(1-2) 81-95: [1994]

Goldman, S. see Smith, D. R. 98(3-4) 271-305: [1999]

Goldstein, Steven L. see Toulkeridis, Theofilos 92(2) 129-144: [1998]

Goleby, B. R. see Swager, C. P. 83(1-3) 43-56: [1997]

Golubic, Stjepko see Seong-Joo, Lee 96(3-4) 183-208: [1999]

Gonzalez, Julio J. see Wolde, Begashaw 80(3-4) 261-279: [1996]

Goodarzi, F. see Mossman, D. J. 61(3-4) 279-293: [1993]

Goodwin, A. M. (reviewer) Historical geotectonics; Precambrian [book review] 84(1-2) 113-115: [1997]

Gooskova, E. G. see Krasnova, A. F. 74(4) 245-252: [1995]

Gopalan, K. see Bhaskar Rao, Y. J. 59(1-2) 145-170: [1992]

Gopalan, K. see Kumar, Anil 62(3) 227-237: [1993]

Gopalan, K. see Natarajan, M. 65(1-4) 167-181: [1994]

Gopalan, K. see Bhaskar Rao, Y. J. 68(1-2) 175-178: [1994]

Gopalan, K. see Kumar, Anil 80(3-4) 205-216: [1996]

Gorbatschev, Roland (editor) The Baltic Shield 64(1-4) 1-430: [1993]

Gorbatschev, Roland and Bogdanova, Svetlana Frontiers in the Baltic Shield 64(1-4) 3-21: [1993]

Gorbatschev, Roland see Bogdanova, S. V. 68(3-4) 231-240: [1994]

Gorjan, P., Veevers, J. J. and Walter, M. R. Neoproterozoic sulfur-isotope variation in Australia and global implications 100(1-3) 151-179: [2000]

Gorjan, P. see Walter, M. R. 100(1-3) 371-433: [2000]

Gorokhovsky, B. M. see Neymark, L. A. 62(4) 453-472: [1993]

Gorter, J. D. see Korsch, R. J. 54(1) 45-63: [1991]

Gosso, G. see Cosi, M. 58(1-4) 215-240: [1992]

Goswami, J. N. see Mishra, S. 93(2-3) 139-151: [1999]

Govil, P. K. see Sambasiva Rao, V. V. 98(1-2) 53-65: [1999]

Gower, C. F. see Sangster, A. L. 58(1-4) 401-426: [1992]

Gower, C. F. see Kamo, S. L. 80(3-4) 239-260: [1996]

Gower, C. F. see Wasteneys, H. A. 81(1-2) 101-128: [1997]

Gower, Charles F., Heaman, Larry M., Loveridge, W. Dale, Schärer, Urs and Tucker, Robert D. Grenvillian magmatism in the eastern Grenville Province, Canada 51(1-4) 315-336: [1991]

Gower, Robert J. W. Nappe emplacement direction in the Central Gneiss Belt, Grenville Province, Ontario, Canada; evidence for oblique collision 59(1-2) 73-94: [1992]

Grantham, G. H., Jackson, C., Moyes, A. B., Groenewald, P. B., Harris, P. D., Ferrar, G. and Krynauw, J. R. The tectonothermal evolution of the Kirwanveggen-H.U. Sverdrupfjella areas, Dronning Maud Land, Antarctica 75(3-4) 209-229: [1995]

Grantham, G. H. see Groenewald, P. B. 75(3-4) 231-250: [1995]

Grantham, G. H. see Cornell, D. H. 77(3-4) 243-271: [1996]

Grauch, Richard I. (editor) see Nagy, Bartholomew 61(3-4) 169-322: [1993]

Green, R. W. E. see Durrheim, R. J. 55(1-4) 187-200: [1992]

Gresse, P. G. and Germs, Gerard J. B. The Nama foreland basin; sedimentation, major unconformity bounded sequences and multisided active margin advance 63(3-4) 247-272: [1993]

Gresse, P. G. see Rozendaal, A. 97(3-4) 303-323: [1999]

Grey, K. see Walter, M. R. 73(1-4) 173-195: [1995]

Grey, K. and Corkeron, M. Late Neoproterozoic stromatolites in glacigenic successions of the Kimberley region, Western Australia; evidence for a younger Marinoan glaciation 92(1) 65-87: [1998]

Grey, K. see Al-Arouri, K. 100(1-3) 235-280: [2000]

Grey, K. see Hill, A. C. 100(1-3) 281-298: [2000]

Grey, Kathleen (reviewer) Proceedings of the Indo-Soviet symposium on stromatolites and stromatolitic deposits; Himalayan geology [book review] 59(3-4) 325-327: [1992]

Griffin, T. J. see Tyler, I. M. 95(3-4) 225-243: [1999]

Grishin, M. P. see Surkov, V. S. 54(1) 37-44: [1991]

Grobler, N. J. see Nelson, D. R. 54(2-4) 231-256: [1992]

Groenewald, P. B. see Grantham, G. H. 75(3-4) 209-229: [1995]

Groenewald, P. B., Moyes, A. B., Grantham, G. H. and Krynauw, J. R. East Antarctic crustal evolution; geological constraints and modelling in western Dronning Maud Land 75(3-4) 231-250: [1995]

Grorud, Hans-Fredrik see Andersen, Tom 91(3-4) 419-432: [1998]

Grotzinger, John P. see Saylor, Beverly Z. 73(1-4) 153-171: [1995]

Grotzinger, John P. see Knoll, Andrew H. 73(1-4) 251-270: [1995]

Groves, D. I. see Cassidy, K. F. 51(1-4) 51-83: [1991]

Groves, D. I. see Goellnicht, N. M. 51(1-4) 375-391: [1991]

Groves, D. I. see Barley, M. E. 58(1-4) 55-70: [1992]

Groves, D. I. see Bickle, M. J. 60(1-4) 117-149: [1993]

Groves, D. I. see Smith, J. B. 88(1-4) 143-171: [1998]

Groves, D. I. see Neumayr, P. 88(1-4) 249-265: [1998]

Groves, David I. see Perring, Caroline S. 51(1-4) 85-113: [1991]

Groves, David I. see Bloem, Erik J. M. 85(3-4) 147-171: [1997]

Groves, David I. see Barley, Mark E. 91(1-2) 65-90: [1998]

Gruau, G. see Jahn, B. M. 91(3-4) 333-363: [1998]

Guan Baode see Yin Leiming 94(1-2) 121-137: [1999]

Guerrot, C. see Chauvet, A. 84(3-4) 139-162: [1997]

Guerrot, C. see Feybesse, J. L. 87(3-4) 161-216: [1998]

Guha, Dipayan see Dasgupta, Somnath 83(4) 267-290: [1997]

Guimaraes, Edi M. see Fairchild, Thomas R. 80(1-2) 125-152: [1996]

Guimaraes, I. P. see Beurlen, H. 58(1-4) 195-214: [1992]

Guimaraes, I. P. see da Silva Filho, A. F. 62(3) 323-342: [1993]

Guise, P. G. see Cliff, R. A. 91(3-4) 401-418: [1998]

Guo, A. and Dickin, A. P. The southern limit of Archean crust and significance of rocks with Paleoproterozoic model ages; Nd model age mapping in the Grenville Province of western Quebec 77(3-4) 231-241: [1996]

Gupta, J. N. see Pandey, B. K. 84(3-4) 181-196: [1997]

Gupta, S. B. see Mishra, D. C. 99(3-4) 149-169: [2000]

Gupta, S. N. see Sarkar, G. 62(1-2) 127-137: [1993]

Gustavson, B. see Smith, D. R. 98(3-4) 271-305: [1999]

Gyani, K. C. see Biswal, T. K. 87(1-2) 75-85: [1998]

Haapala, Ilmara (editor) and Condie, Kent C. (editor) Precambrian granitoids; petrogenesis, geochemistry and metallogeny 51(1-4) 1-468: [1991]

Haapala, Ilmari and Ramo, O. Tapani Rapakivi granites and related rocks; an introduction 95(1-2) 1-7: [1999]

Haapala, Ilmari (editor) and Ramo, O. Tapani (editor) Rapakivi granites and related rocks 95(1-2) 1-167: [1999]

Haddoum, H., Choukroune, P. and Peucat, J. J. Evolution of the Precambrian In-Ouzzal Block (central Sahara, Algeria) 65(1-4) 155-166: [1994]

Hageskov, Bjorn Geochemistry and tectonic significance of late Gothian mafic dykes in the Ostfold-Marstrand Belt of S.E. Norway and W. Sweden 82(3-4) 287-309: [1997]

Haile-Meskel, A. see Tolessa, S. 52(1-2) 179-186: [1991]

Haines, Peter W. Problematic fossils in the late Neoproterozoic Wonoka Formation, South Australia 100(1-3) 97-108: [2000]

Halbich, Ingo W. see Altermann, Wladyslaw 52(1-2) 133-166: [1991]

Halbich, Ingo W. see Horstmann, Uwe E. 72(1-2) 109-145: [1995]

Halden, N. M. see Ayres, L. D. 51(1-4) 27-50: [1991]

Hall, R. P. see Tomlinson, K. Y. 89(1-2) 59-76: [1998]

Hall, Susan see Kidder, David L. 63(1-2) 83-96: [1993]

Hallberg, J. A. see Cassidy, K. F. 51(1-4) 51-83: [1991]

Hallberg, Jack A. see Perring, Caroline S. 51(1-4) 85-113: [1991]

Halls, H. C. see Riller, Ulrich 93(1) 51-70: [1999]

Halls, H. C. see Mertanen, S. 98(3-4) 197-221: [1999]

Hambrey, Michael J. see Fairchild, Ian J. 73(1-4) 217-233: [1995]

Hamilton, Michael A. see Cadman, Andrew C. 82(1-2) 63-84: [1997]

Hamilton, Warren B. Archean magmatism and deformation were not products of plate tectonics 91(1-2) 143-179: [1998]

Hanchar, J. M. see Fedo, C. M. 84(1-2) 17-36: [1997]

Hanes, John A. see Lopez-Martinez, Margarita 57(1-2) 91-119: [1992]

Hansen, B. T. see Kalsbeek, Feiko 62(3) 239-270: [1993]

Hansen, B. T. see Schiotte, L. 63(3-4) 293-323: [1993]

Hansen, Bent T. see Persson, Per-Olof 74(1-2) 57-72: [1995]

Hansen, E. C. see Newton, R. C. 91(1-2) 41-63: [1998]

Hanson, Richard E., Wardlaw, Melissa S., Wilson, Terry J. and Mwale, Giddy U-Pb zircon ages from the Hook granite massif and Mwembeshi dislocation; constraints on Pan-African deformation, plutonism, and transcurrent shearing in central Zambia 63(3-4) 189-209: [1993]

Hanson, Richard E. see Munyanyiwa, Hubert 81(3-4) 179-196: [1997]

Hanson, Richard E. see Vinyu, Michael L. 98(1-2) 67-82: [1999]

Hao Jie see Wang Kaiyi 78(1-3) 95-103: [1996]

Hargraves, R. B. see Dawson, E. M. 69(1-4) 157-167: [1994]

Hargraves, R. B. see Doppelhammer, Sheila K. 69(1-4) 193-197: [1994]

Hargraves, R. B. see Miller, K. C. 69(1-4) 259-267: [1994]

Hariya, Y. see Neogi, S. 76(1-2) 77-91: [1996]

Harley, Michael and Charlesworth, E. Guy The role of fluid pressure in the formation of bedding-parallel, thrust-hosted gold deposits, Sabie–Pilgrim's Rest Goldfield, eastern Transvaal 79(1-2) 125-140: [1996]

Harley, S. L., Snape, I. and Black, L. P. The evolution of a layered metaigneous complex in the Rauer Group, East Antarctica; evidence for a distinct Archaean terrane 89(3-4) 175-205: [1998]

Harley, Simon L., Fitzsimons, Ian C. W. and Buick, Ian S. Reactions and textures in wollastonite-scapolite granulites and their significance for pressure-temperature-fluid histories of high-grade terranes 66(1-4) 309-323: [1994]

Harraz, Hassan Z. see Hassanen, Mohamed A. 80(1-2) 1-22: [1996]

Harris, Chris see Faure, Kevin 52(3-4) 301-319: [1991]

Harris, Lyal B. see Black, Lance P. 59(1-2) 95-123: [1992]

Harris, Lyal B. see Cruse, Theresa 67(1-2) 1-10: [1994]

Harris, Lyal B. see Beeson, John 75(1-2) 47-63: [1995]

Harris, Nigel B. W. see Treloar, Peter J. 55(1-4) 571-587: [1992]

Harris, P. D. see Grantham, G. H. 75(3-4) 209-229: [1995]

Harris, Phillip D. see Kruger, F. Johan 91(3-4) 253-267: [1998]

Hassanen, Mohamed A. and Harraz, Hassan Z. Geochemistry and Sr- and Nd-isotopic study on rare-metal-bearing granitic rocks, central Eastern Desert, Egypt 80(1-2) 1-22: [1996]

Hassanen, Mohamed A. Post-collision, A-type granites of Homrit Waggat Complex, Egypt; petrological and geochemical constraints on its origin 82(3-4) 211-236: [1997]

Hassler, Scott W. see Simonson, Bruce M. 60(1-4) 287-335: [1993]

Hassler, Scott W. Depositional history of the Main Tuff Interval of the Wittenoom Formation, late Archean-early Proterozoic Hamersley Group, Western Australia 60(1-4) 337-359: [1993]

Hattingh, P. J. and Pauls, N. D. New palaeomagnetic results from the northern Bushveld Complex of South Africa 69(1-4) 229-240: [1994]

Hattori, K. see Benn, K. 63(1-2) 59-81: [1993]

Hattori, Keiko see Legault, Marc I. 68(1-2) 23-42: [1994]

Hattori, Keiko see Zhang, Guowei 84(1-2) 83-103: [1997]

Hayling, K. L. see Wannas, K. O. 64(1-4) 311-317: [1993]

Heaman, L. M. see Lumbers, S. B. 53(3-4) 199-231: [1991]

Heaman, L. M. see Connelly, J. N. 63(1-2) 123-142: [1993]

Heaman, L. M. see Amelin, Yu. V. 75(1-2) 31-46: [1995]

Heaman, L. M. see Ketchum, J. W. F. 89(1-2) 25-45: [1998]

Heaman, L. M. see Beakhouse, G. P. 97(1-2) 77-97: [1999]

Heaman, Larry M. see Gower, Charles F. 51(1-4) 315-336: [1991]

Heaman, Larry M. see Pimentel, Marcio M. 52(3-4) 321-335: [1991]

Heaman, Larry M. see Wahlgren, Carl-Henric 79(3-4) 227-237: [1996]

Heaman, Larry M. see Miller, Randy R. 81(1-2) 67-82: [1997]

Heaman, Larry M. see Pan, Yuanming 92(2) 117-128: [1998]

Heaman, Larry M. see Yamashita, Katsuyuki 99(3-4) 197-224: [2000]

Heather, K. B. see Turek, A. 76(3-4) 191-211: [1996]

Hefferan, K. see Naidoo, D. D. 53(1-2) 79-97: [1991]

Hefferan, K. see Leblanc, M. 62(3) 367-371: [1993]

Hefferan, Kevin Patrick, Karson, Jeffrey A. and Saquaque, Ali Proterozoic collisional basins in a Pan-African suture zone, Anti-Atlas Mountains, Morocco 54(2-4) 295-319: [1992]

Hegde, G. V. see Chadwick, B. 99(1-2) 91-111: [2000]

Hegner, E. see Kroner, A. 78(1-3) 105-124: [1996]

Heilbron, M. see Machado, N. 79(3-4) 347-361: [1996]

Heizler, Matthew T., Ralser, Steven and Karlstrom, Karl E. Late Proterozoic (Grenville?) deformation in central New Mexico determined from single-crystal muscovite $^{40}Ar/^{39}Ar$ age spectra 84(1-2) 1-15: [1997]

Helmers, Henk see Valbracht, Peter J. 52(3-4) 187-214: [1991]

Henderson, J. R. see Van Kranendonk, Martin J. 63(3-4) 325-347: [1993]

Henjes-Kunst, Friedhelm see Schussler, Ulrich 93(2-3) 235-258: [1999]

Henley, Richard W. see Matthai, Stephan K. 78(4) 211-235: [1996]

Henry, P. see Tomlinson, K. Y. 89(1-2) 59-76: [1998]

Henry, P. see Stevenson, R. 96(1-2) 83-99: [1999]

Herwegh, Marco see Schaller, Mirjam 96(3-4) 263-288: [1999]

Herz, N. see Hughes, S. S. 84(1-2) 37-62: [1997]

Heubeck, Christoph and Lowe, Donald R. Depositional and tectonic setting of the Archean Moodies Group, Barberton greenstone belt, South Africa 68(3-4) 257-290: [1994]

Hickman, A. H. see Thorpe, R. I. 56(3-4) 169-189: [1992]

Hickman, A. H. see Smithies, R. H. 94(1-2) 11-28: [1999]

Hieshima, G. B. and Pratt, L. M. Sulfur/carbon ratios and extractable organic matter of the middle Proterozoic Nonesuch Formation, North American Midcontinent Rift 54(1) 65-79: [1991]

Higgins, Michael D. and van Breemen, Otto Three generations of anorthosite-mangerite-charnockite-granite (AMCG) magmatism, contact metamorphism and tectonism in the Saguenay-Lac-Saint-Jean region of the Grenville Province, Canada 79(3-4) 327-346: [1996]

Hill, A. C. and Walter, M. R. Mid-Neoproterozoic (~830-750 Ma) isotope stratigraphy of Australia and global correlation 100(1-3) 181-211: [2000]

Hill, A. C., Cotter, K. L. and Grey, K. Mid-Neoproterozoic biostratigraphy and isotope stratigraphy in Australia 100(1-3) 281-298: [2000]

Hill, A. C. see Walter, M. R. 100(1-3) 371-433: [2000]

Hirdes, W. see Davis, D. W. 67(1-2) 89-107: [1994]

Hirdes, W., Davis, D. W., Lüdtke, G. and Konan, G. Two generations of Birimian (Paleoproterozoic) volcanic belts in northeastern Côte d'Ivoire (West Africa); consequences for the "Birimian controversy" 80(3-4) 173-191: [1996]

Hirdes, Wolfgang, Davis, D. W. and Eisenlohr, B. N. Reassessment of Proterozoic granitoid ages in Ghana on the basis of U/Pb zircon and monazite dating 56(1-2) 89-96: [1992]

Hirdes, Wolfgang see Taylor, Paul N. 56(1-2) 97-111: [1992]

Hirdes, Wolfgang see John, Timm 98(1-2) 11-30: [1999]

Hiroi, Yoshikuni, Ogo, Yoshie and Namba, Keiko Evidence for prograde metamorphic evolution of Sri Lankan pelitic granulites, and implications for the development of continental crust 66(1-4) 245-263: [1994]

Hitzman, Murray W., Oreskes, Naomi and Einaudi, Marco T. Geological characteristics and tectonic setting of Proterozoic iron oxide (Cu-U-Au-REE) deposits 58(1-4) 241-287: [1992]

Hoal, B. G. The Proterozoic Sinclair Sequence in southern Namibia; intracratonic rift or active continental margin setting? 63(1-2) 143-162: [1993]

Hoek, J. D. see Dirks, P. H. G. M. 65(1-4) 277-295: [1994]

Hoek, J. D. (editor) see Dirks, P. H. G. M. 75(3-4) 119-277: [1995]

Hoek, J. D. and Seitz, H. M. Continental mafic dyke swarms as tectonic indicators; an example from the Vestfold Hills, East Antarctica 75(3-4) 121-139: [1995]

Hoernes, S. see Masberg, H. P. 55(1-4) 243-257: [1992]

Hoernes, S. and van Reenen, Dirk D. The oxygen-isotopic composition of granulites and retrogressed granulites from the Limpopo Belt as a monitor of fluid-rock interaction 55(1-4) 353-364: [1992]

Hoernes, S. (editor) see Raith, M. 66(1-4) 1-409: [1994]

Hoernes, S., Fiorentini, E. and Hoffbauer, Radegund The role of fluids in granulite-facies metamorphism as deduced from oxygen and carbon isotopic compositions 66(1-4) 183-198: [1994]

Hoernes, S. see Hoffbauer, Radegund 66(1-4) 199-220: [1994]

Hoffbauer, Radegund see Hoernes, S. 66(1-4) 183-198: [1994]

Hoffbauer, Radegund, Hoernes, S. and Fiorentini, E. Oxygen isotope thermometry based on a refined increment method and its application to granulite-grade rocks from Sri Lanka 66(1-4) 199-220: [1994]

Hoffbauer, Radegund and Spiering, Beate Petrologic phase equilibria and stable isotope fractionations of carbonate–silicate parageneses from granulite-grade rocks of Sri Lanka 66(1-4) 325-349: [1994]

Hoffer, E. see Masberg, H. P. 55(1-4) 243-257: [1992]

Hoffmann, Lucien see Yun Zhang 56(3-4) 275-290: [1992]

Hofmann, A. W. see Milisenda, C. C. 66(1-4) 95-110: [1994]

Hofmann, A. W. see Liew, T. C. 66(1-4) 111-121: [1994]

Hofmann, A. W. see Holzl, S. 66(1-4) 123-149: [1994]

Hoisch, Thomas D. see Ashwal, Lewis D. 55(1-4) 525-538: [1992]

Holland, Heinrich D. see Macfarlane, Andrew W. 65(1-4) 297-317: [1994]

Hollings, Pete and Kerrich, Rob Trace element systematics of ultramafic and mafic volcanic rocks from the 3Ga North Caribou greenstone belt, northwestern Superior Province 93(4) 257-279: [1999]

Hollister, Lincoln S. Fluid flow during deep crustal metamorphism, an introduction to new data from the southern marginal zone of the Limpopo Belt 55(1-4) 321-325: [1992]

Holzer, L., Frei, R., Barton, J. M., Jr. and Kramers, J. D. Unraveling the record of successive high grade events in the Central Zone of the Limpopo Belt using Pb single phase dating of metamorphic minerals 87(1-2) 87-115: [1998]

Holzer, Lorenz see Schaller, Mirjam 96(3-4) 263-288: [1999]

Holzl, S., Hofmann, A. W., Todt, W. and Köhler, H. U–Pb geochronology of the Sri Lankan basement 66(1-4) 123-149: [1994]

Horiuchi, Yoshikuni see Sugitani, Kenichiro 80(1-2) 49-76: [1996]

Horodyski, Robert J. Paleontology of Proterozoic shales and mudstones; examples from the Belt Supergroup, Chuar Group and Pahrump Group, Western USA 61(3-4) 241-278: [1993]

Horstmann, Uwe E. and Hälbich, Ingo W. Chemical composition of banded iron-formations of the Griqualand West Sequence, northern Cape Province, South Africa, in comparison with other Precambrian iron formations 72(1-2) 109-145: [1995]

Horwitz, R. C. and Pidgeon, R. T. 3.1 Ga tuff from the Sholl Belt in the West Pilbara; further evidence for diachronous volcanism in the Pilbara Craton of Western Australia 60(1-4) 175-183: [1993]

Hoshino, M. see Tadesse, T. 96(1-2) 101-124: [1999]

Hoshino, Mitsuo see Suwa, Kanenori 69(1-4) 281-292: [1994]

Houston, Robert S. Proterozoic mineral deposits near plate margins of the Archean Wyoming Province, USA 58(1-4) 85-97: [1992]

Hu, Qiang, Evensen, Norman M., Smith, Patrick E. and York, Derek A world in a grain of sand; regional metamorphic history from $^{40}Ar/^{39}Ar$ laser probe analyses of Proterozoic sediments from the Canadian Shield 91(3-4) 287-294: [1998]

Hudson, T. A. see Hughes, S. S. 84(1-2) 37-62: [1997]

Hughes, D. J. see Tomlinson, K. Y. 89(1-2) 59-76: [1998]

Hughes, S. S., Lewis, S. E., Bartholomew, M. J., Sinha, A. K., Hudson, T. A. and Herz, N. Chemical diversity and origin of Precambrian charnockitic rocks of the central Pedlar Massif, Grenvillian Blue Ridge Terrane, Virginia 84(1-2) 37-62: [1997]

Huhma, Hannu see Claesson, Stefan 64(1-4) 109-130: [1993]

Huhma, Hannu see Puura, V. 64(1-4) 289-294: [1993]

Huhma, Hannu see Ramo, O. Tapani 79(3-4) 209-226: [1996]

Huhma, Hannu see Lahtinen, Raimo 82(1-2) 13-34: [1997]

Hulsebosch, Thomas P. see Frost, Carol D. 89(3-4) 145-173: [1998]

Humphreys, H. see Cornell, D. H. 59(1-2) 43-71: [1992]

Hunter, D. R. (reviewer) Precambrian continental crust and its economic resources; Developments in Precambrian Geology; Vol. 8 [book review] 54(2-4) 321-323: [1992]

Hunter, D. R. (reviewer) Precambrian geology; the dynamic evolution of the continental crust [book review] 54(2-4) 324-325: [1992]

Hunziker, J. see Cosi, M. 58(1-4) 215-240: [1992]

Husebye, E. S. see Kinck, J. J. 64(1-4) 23-51: [1993]

Hussein, I. M. see Kroner, A. 53(1-2) 99-118: [1991]

Hussein, I. M. see Kroner, A. 59(1-2) 15-32: [1992]

Hutchinson, Richard W. see Anhaeusser, Carl R. 97(1-2) 1-2: [1999]

Hutton, L. J. see Blewett, R. S. 89(3-4) 101-127: [1998]

Idnurm, M., Giddings, J. W. and Plumb, K. A. Apparent polar wander and reversal stratigraphy of the Palaeo-Mesoproterozoic southeastern McArthur Basin, Australia 72(1-2) 1-41: [1995]

Idnurm, Mart see Tanaka, Hidefumi 69(1-4) 241-258: [1994]

Indares, A. see Cox, R. A. 90(1-2) 59-83: [1998]

Indares, Aphrodite see Martignole, Jacques 68(3-4) 291-306: [1994]

Ingvald, Erika see Wahlgren, Carl-Henric 79(3-4) 227-237: [1996]

Iyer, S. S., Babinski, M., Krouse, H. R. and Chemale, Farid, Jr. Highly ^{13}C-enriched carbonate and organic matter in the Neoproterozoic sediments of the Bambui Group, Brazil 73(1-4) 271-282: [1995]

Iyer, S. S., Choudhuri, A., Pattison, D. R. M. and De Paoli, G. R. Petrology and geochemistry of the Neoproterozoic Guaxupé granulite facies terrain, southeastern Brazil 77(1-2) 23-40: [1996]

Jackson, C. see Grantham, G. H. 75(3-4) 209-229: [1995]

Jackson, M. Barton, Jr. The Messina layered intrusion, Limpopo Belt, South Africa; an example of in-situ contamination of an Archean anorthosite complex by continental crust 78(1-3) 139-150: [1996]

Jackson, M. J. and Raiswell, R. Sedimentology and carbon-sulphur geochemistry of the Velkerri Formation, a mid-Proterozoic potential oil source in northern Australia 54(1) 81-108: [1991]

Jackson, Steve L., Fyon, J. Andy and Corfu, Fernando Review of Archean supracrustal assemblages of the southern Abitibi greenstone belt in Ontario, Canada; products of microplate interaction within a large-scale plate-tectonic setting 65(1-4) 183-205: [1994]

Jacobs, J., Ahrendt, H., Kreutzer, H. and Weber, K. K-Ar, ^{40}Ar-^{39}Ar and apatite fission-track evidence for Neoproterozoic and Mesozoic basement rejuvenation events in the Heimefrontfjella and Mannefallknausane (East Antarctica) 75(3-4) 251-262: [1995]

Jacobs, J., Falter, M., Thomas, R. J., Kunz, J. and Jessberger, E. K. $^{40}Ar/^{39}Ar$ thermochronological constraints on the structural evolution of the Mesoproterozoic Natal metamorphic province, SE Africa 86(1-2) 71-92: [1997]

Jaeckel, P. see Kroner, A. 66(1-4) 151-181: [1994]

Jaeckel, P. see Kroner, A. 93(4) 299-337: [1999]

Jahn, B. M., Gruau, G., Capdevila, R., Cornichet, J., Nemchin, A., Pidgeon, R. and Rudnik, V. A. Archean crustal evolution of the Aldan Shield, Siberia; geochemical and isotopic constraints 91(3-4) 333-363: [1998]

Jahn, Bor-ming and Simonson, Bruce M. Carbonate Pb-Pb ages of the Wittenoom Formation and Carawine Dolomite, Hamersley Basin, Western Australia (with implications for their correlation with the Transvaal Dolomite of South Africa) 72(3-4) 247-261: [1995]

James, Eric see Smith, Diane R. 85(1-2) 53-79: [1997]

James, N. P. see Whittaker, S. G. 90(3-4) 187-202: [1998]

James, Richard S. see Vogel, Derek C. 92(2) 89-116: [1998]

Jamieson, R. A. see Ketchum, J. W. F. 89(1-2) 25-45: [1998]

Janasi, Valdecir de Assis and Ulbrich, Horstpeter H. G. J. Late Proterozoic granitoid magmatism in the State of São Paulo, southeastern Brazil 51(1-4) 351-374: [1991]

Jansa, Lubomir F. (reviewer) Basement correlation across the North Atlantic [book review] 56(1-2) 167-168: [1992]

Janser, Brian W. The Star Lake Pluton, La Ronge Domain, northern Saskatchewan; petrogenesis of a Proterozoic island-arc pluton 70(1-2) 145-164: [1994]

Jarl, Lars-Gunnar see Soderlund, Ulf 94(1-2) 29-48: [1999]

Jarrar, G., Wachendorf, H. and Saffarini, G. A. A late Proterozoic bimodal volcanic/subvolcanic suite from Wadi Araba, Southwest Jordan 56(1-2) 51-72: [1992]

Jayananda, M., Moyen, J. F., Martin, H., Peucat, J. J., Auvray, B. and Mahabaleswar, B. Late Archaean (2550-2520 Ma) juvenile magmatism in the eastern Dharwar Craton, southern India; constraints from geochronology, Nd-Sr isotopes and whole rock geochemistry 99(3-4) 225-254: [2000]

Jayananda, Mudlappa see Chardon, Dominique 91(1-2) 15-39: [1998]

Jefferson, Charles W. see Park, John K. 52(1-2) 1-35: [1991]

Jelinek, E. and Dudek, A. Geochemistry of subsurface Precambrian plutonic rocks from the Brunovistulian Complex in the Bohemian Massif, Czechoslovakia 62(1-2) 103-125: [1993]

Jelsma, Hielke A. see Vinyu, Michael L. 98(1-2) 67-82: [1999]

Jenkins, R. J. F. see McIlroy, D. 86(1-2) 93-113: [1997]

Jenkins, Richard J. F. The problems and potential of using animal fossils and trace fossils in terminal Proterozoic biostratigraphy 73(1-4) 51-70: [1995]

Jensen, Joanne E. see Yamashita, Katsuyuki 99(3-4) 197-224: [2000]

Jessberger, E. K. see Jacobs, J. 86(1-2) 71-92: [1997]

Jiang Chunchao see Sun, Min 62(1-2) 171-190: [1993]

Johan, V. see Ledru, Patrick 86(3-4) 155-176: [1997]

Johan, V. see Feybesse, J. L. 87(3-4) 161-216: [1998]

Johan, Vera see Ledru, Patrick 69(1-4) 169-191: [1994]

Johanson, B. S. see Alviola, R. 95(1-2) 89-107: [1999]

Johansson, Ake, Meier, Martin, Oberli, Felix and Wikman, Hugo The early evolution of the Southwest Swedish gneiss province; geochronological and isotopic evidence from southernmost Sweden 64(1-4) 361-388: [1993]

Johansson, Ake see Gee, David G. 70(3-4) 215-234: [1995]

Johansson, L. see Wang, X. D. 92(4) 319-339: [1998]

Johansson, Leif and Kullerud, Lars Late Sveconorwegian metamorphism and deformation in southwestern Sweden 64(1-4) 347-360: [1993]

Johansson, Leif see Page, Laurence M. 79(3-4) 239-259: [1996]

Johansson, Leif see Andersson, Jenny 98(1-2) 151-171: [1999]

John, Timm, Klemd, Reiner, Hirdes, Wolfgang and Loh, Geoffrey The metamorphic evolution of the Paleoproterozoic (Birimian) volcanic Ashanti Belt (Ghana, West Africa) 98(1-2) 11-30: [1999]

Jones, D. L., McFadden, P. L., Kröner, A. and McWilliams, M. O. Palaeomagnetic results from the late Precambrian Chela Group of Southwest Angola 59(1-2) 1-13: [1992]

Jones, D. L. see Mushayandebvu, M. F. 69(1-4) 269-280: [1994]

Jones, I. M. and Anhaeusser, C. R. Accretionary lapilli associated with Archaean banded iron formations of the Kraaipan Group, Amalia greenstone belt, South Africa 61(1-2) 117-136: [1993]

Jones, Michael G. see de Wit, Maarten J. 55(1-4) 123-153: [1992]

Joseph, M. see Radhakrishna, T. 76(1-2) 31-46: [1996]

Jourde, G. see Pinna, P. 62(1-2) 1-59: [1993]

Kakegawa, Takeshi and Ohmoto, Hiroshi Sulfur isotope evidence for the origin of 3.4 to 3.1 Ga pyrite at the Princeton gold mine, Barberton greenstone belt, South Africa 96(3-4) 209-224: [1999]

Kalsbeek, Feiko, Austrheim, H., Bridgwater, D., Hansen, B. T., Pedersen, S. and Taylor, P. N. Geochronology of Archaean and Proterozoic events in the Ammassalik area, South-East Greenland, and comparisons with the Lewisian of Scotland and the Nagssugtoqidian of West Greenland 62(3) 239-270: [1993]

Kalsbeek, Feiko, Nutman, Allen P. and Taylor, Paul N. Palaeoproterozoic basement province in the Caledonian fold belt of North-East Greenland 63(1-2) 163-178: [1993]

Kalsbeek, Feiko Geochemistry, tectonic setting, and poly-orogenic history of Palaeoproterozoic basement rocks from the Caledonian fold belt of North-East Greenland 72(3-4) 301-315: [1995]

Kalsbeek, Feiko see Whitehouse, Martin J. 91(3-4) 365-381: [1998]

Kalsbeek, Feiko, Pulvertaft, T. C. R. and Nutman, A. P. Geochemistry, age and origin of metagreywackes from the Palaeoproterozoic Karrat Group, Rinkian Belt, West Greenland 91(3-4) 383-399: [1998]

Kalsbeek, Feiko see Nutman, Allen P. 93(1) 87-104: [1999]

Kalsbeek, Feiko and Manatschal, Gianreto Geochemistry and tectonic significance of peridotitic and metakomatiitic rocks from the Ussuit area, Nagssugtoqidian Orogen, West Greenland 94(1-2) 101-120: [1999]

Kamber, B. S., Kramers, J. D., Napier, R., Cliff, R. A. and Rollinson, H. R. The Triangle Shearzone, Zimbabwe, revisited: new data document an important event at 2.0 Ga in the Limpopo Belt 70(3-4) 191-213: [1995]

Kamber, B. S., Frei, R. and Gibb, A. J. Pitfalls and new approaches in granulite chronometry; an example from the Limpopo Belt, Zimbabwe 91(3-4) 269-285: [1998]

Kamber, Balz Samuel see Kruger, F. Johan 91(3-4) 253-267: [1998]

Kamo, S. L., Wasteneys, H., Gower, C. F. and Krogh, T. E. U–Pb geochronology of Labradorian and later events in the Grenville Province, eastern Labrador 80(3-4) 239-260: [1996]

Kamo, S. L. see Wasteneys, H. A. 81(1-2) 101-128: [1997]

Kamo, Sandra L. see Ferreira Filho, Cesar F. 68(3-4) 241-255: [1994]

Kamo, Sandra L. see Wahlgren, Carl-Henric 79(3-4) 227-237: [1996]

Karki, A., Laajoki, K. and Luukas, J. Major Palaeoproterozoic shear zones of the central Fennoscandian Shield 64(1-4) 207-223: [1993]

Karlstrom, Karl E. see Nyman, Matthew W. 82(3-4) 237-263: [1997]

Karlstrom, Karl E. see Heizler, Matthew T. 84(1-2) 1-15: [1997]

Karpeta, W. P. and Els, B. G. The auriferous late Archaean Central Rand Group of South Africa; sea-level control of sedimentation? 97(3-4) 191-214: [1999]

Karson, Jeffrey A. see Hefferan, Kevin Patrick 54(2-4) 295-319: [1992]

Kastrykina, V. M. see Moskovchenko, N. I. 62(4) 473-491: [1993]

Kaufman, Alan J. and Knoll, Andrew H. Neoproterozoic variations in the C-isotopic composition of seawater; stratigraphic and biogeochemical implications 73(1-4) 27-49: [1995]

Kaufman, Alan J. see Knoll, Andrew H. 73(1-4) 251-270: [1995]

Kaufman, Alan J. (editor) and Danielson, Antje (editor) Geology and geochemistry of the Transvaal Supergroup, Southern Africa 79(1-2) 1-194: [1996]

Kaufman, Alan J. Geochemical and mineralogic effects of contact metamorphism on banded iron-formation; an example from the Transvaal Basin, South Africa 79(1-2) 171-194: [1996]

Kaufman, Alan J. see Xiao, Shuhai 84(3-4) 197-220: [1997]

Kauranne, Kalevi In memoriam Kalervo Rankama, 1913-1995 74(4) 253: [1995]

Kawashita, Koji see Carneiro, Mauricio A. 59(3-4) 263-282: [1992]

Kay, G. see Smith, D. R. 98(3-4) 271-305: [1999]

Kazansky, V. I. Deep structure and metallogeny of early Proterozoic mobile belts in the light of superdeep drilling in Russia 58(1-4) 289-303: [1992]

Kehelpannala, K. V. W. see Kroner, A. 66(1-4) 21-37: [1994]

Kelley, S. see Foden, J. 71(1-4) 207-227: [1995]

Keppie, J. D. see Dostal, J. 56(1-2) 33-49: [1992]

Keppie, J. D. see Dostal, J. 76(1-2) 93-113: [1996]

Kern, H., Walther, C., Flüh, E. R. and Marker, M. Seismic properties of rocks exposed in the POLAR profile region; constraints on the interpretation of the refraction data 64(1-4) 169-187: [1993]

Kerrich, R. (reviewer) Book review of Evolution of ore-bearing Precambrian structures [erratum] 83(4) 291: [1997]

Kerrich, R. see Vearncombe, S. 98(3-4) 243-270: [1999]

Kerrich, Rob see Barley, Mark E. 91(1-2) 65-90: [1998]

Kerrich, Rob see Hollings, Pete 93(4) 257-279: [1999]

Kerrich, Robert see Polat, Ali 94(3-4) 139-173: [1999]

Kessel, Ronit, Stein, Mordechai and Navon, Oded Petrogenesis of late Neoproterozoic dikes in the northern Arabian-Nubian Shield; implications for the origin of A-type granites 92(2) 195-213: [1998]

Ketchum, J. W. F., Heaman, L. M., Krogh, T. E., Culshaw, N. G. and Jamieson, R. A. Timing and thermal influence of late orogenic extension in the lower crust; a U-Pb geochronological study from the Southwest Grenville Orogen, Canada 89(1-2) 25-45: [1998]

Khan, R. M. K. see Arora, M. 70(1-2) 93-112: [1994]

Khare, Sunil K. see Asthana, Deepanker 84(1-2) 105-111: [1997]

Kidder, David L. and Hall, Susan Petrology and diagenetic evolution of Neoproterozoic ooids (Libby Formation, western Montana, U.S.A.) 63(1-2) 83-96: [1993]

Kilpatrick, Jonathan A. see Zhao, Jian-xin 81(1-2) 37-66: [1997]

Kinck, J. J., Husebye, E. S. and Larsson, F. R. The Moho depth distribution in Fennoscandia and the regional tectonic evolution from Archean to Permian times 64(1-4) 23-51: [1993]

King, A. R. see Evans, D. M. 62(1-2) 61-82: [1993]

King, Elizabeth M., Valley, John W., Davis, Donald W. and Edwards, Garth R. Oxygen isotope ratios of Archean plutonic zircons from granite-greenstone belts of the Superior Province; indicator of magmatic source 92(4) 365-387: [1998]

King, J. E. see Davis, W. J. 67(3-4) 207-241: [1994]

Kinny, Peter D. see Nutman, Allen P. 52(3-4) 275-300: [1991]

Kinny, Peter D. see Claesson, Stefan 64(1-4) 109-130: [1993]

Kinny, Peter D. see Nutman, Allen P. 78(1-3) 1-39: [1996]

Kinny, Peter D. and Nutman, Allen P. Zirconology of the Meeberrie Gneiss, Yilgarn Craton, Western Australia; an early Archaean migmatite 78(1-3) 165-178: [1996]

Kinny, Peter D. see Neumayr, P. 88(1-4) 249-265: [1998]

Kirs, Juho see Ramo, O. Tapani 79(3-4) 209-226: [1996]

Kirschvink, Joseph L. see Evans, David A. D. 100(1-3) 313-334: [2000]

Kisters, A. F. M. and Anhaeusser, C. R. Emplacement features of Archaean TTG plutons along the southern margin of the Barberton greenstone belt, South Africa 75(1-2) 1-15: [1995]

Kiyokawa, Shoichi and Taira, Asahiko The Cleaverville Group in the West Pilbara coastal granitoid-greenstone terrain of Western Australia; an example of a mid-Archaean immature oceanic island-arc succession 88(1-4) 109-142: [1998]

Kleinschrodt, R. Large-scale thrusting in the lower crustal basement of Sri Lanka 66(1-4) 39-57: [1994]

Kleinschrodt, R. (reviewer) Geological maps of Sri Lanka 1:100000 [book review] 92(3) 317-318: [1998]

Klemd, Reiner see John, Timm 98(1-2) 11-30: [1999]

Klemperer, Simon L. Introduction; deep crustal probing 55(1-4) 169-172: [1992]

Klerkx, Jean see Boven, Ariel 93(1) 119-137: [1999]

Kline, Stephen W. Late Proterozoic phyllonite in the granitoid basement terrane of the northern Virginia Blue Ridge 59(1-2) 33-42: [1992]

Knauth, L. Paul see Winter, Bryce L. 54(2-4) 131-151: [1992]

Knauth, L. Paul see Winter, Bryce L. 59(3-4) 283-313: [1992]

Knight, Ian see Dec, Tomasz 59(3-4) 243-262: [1992]

Knoll, Andrew H. see Fairchild, Ian J. 53(3-4) 165-197: [1991]

Knoll, Andrew H. (editor) and Walter, Malcolm (editor) Neoproterozoic stratigraphy and Earth history 73(1-4) 1-298: [1995]

Knoll, Andrew H. see Kaufman, Alan J. 73(1-4) 27-49: [1995]

Knoll, Andrew H., Grotzinger, John P., Kaufman, Alan J. and Kolosov, Petr Integrated approaches to terminal Proterozoic stratigraphy: an example from the Olenek Uplift, northeastern Siberia 73(1-4) 251-270: [1995]

Knoll, Andrew H. see Xiao, Shuhai 84(3-4) 197-220: [1997]

Knoll, Andrew H. see Sergeev, V. N. 85(3-4) 201-239: [1997]

Knoll, Andrew H. Learning to tell Neoproterozoic time *100(1-3) 3-20: [2000]*

Knutson, J. see Blewett, R. S. 89(3-4) 101-127: [1998]

Koeberl, Christian and Reimold, Wolf Uwe Early Archaean spherule beds in the Barberton Mountain Land, South Africa; no evidence for impact origin 74(1-2) 1-33: [1995]

Koehler, Hermann see Raith, Michael M. 98(1-2) 129-150: [1999]

Kohler, H. see Milisenda, C. C. 66(1-4) 95-110: [1994]

Kohler, H. see Holzl, S. 66(1-4) 123-149: [1994]

Kohler, H. see Weber, B. 96(3-4) 245-262: [1999]

Kolosov, Petr see Knoll, Andrew H. 73(1-4) 251-270: [1995]

Konan, G. see Hirdes, W. 80(3-4) 173-191: [1996]

Konnikov, E. G. see Dobretsov, N. L. 58(1-4) 427-446: [1992]

Kontorovich, A. E. see Surkov, V. S. 54(1) 37-44: [1991]

Korja, A. see Elo, S. 64(1-4) 273-288: [1993]

Korja, Toivo Electrical conductivity distribution of the lithosphere in the central Fennoscandian Shield 64(1-4) 85-108: [1993]

Korsch, R. J., Mai Huazhao, Sun Zhaocai and Gorter, J. D. The Sichuan Basin, Southwest China; a late Proterozoic (Sinian) petroleum province 54(1) 45-63: [1991]

Kotov, A. B. see Neymark, L. A. 62(4) 453-472: [1993]

Kouamelan, A. N. see Doumbia, S. 87(1-2) 33-63: [1998]

Kouamelan, Alain N., Delor, Claude and Peucat, Jean-Jacques Geochronological evidence for reworking of Archean terrains during the early Proterozoic (2.1 Ga) in the western Côte d'Ivoire (Man Rise-West African Craton) 86(3-4) 177-199: [1997]

Kovach, V. P. see Neymark, L. A. 62(4) 453-472: [1993]

Koyi, Hemin see Talbot, Christopher J. 72(3-4) 199-225: [1995]

Kramers, J. D. see Kamber, B. S. 70(3-4) 191-213: [1995]

Kramers, J. D. see Holzer, L. 87(1-2) 87-115: [1998]

Kramers, J. D. see Nagler, T. F. 91(3-4) 233-252: [1998]

Kramers, Jan D. see Schaller, Mirjam 96(3-4) 263-288: [1999]

Krapez, B. see Smith, J. B. 88(1-4) 143-171: [1998]

Krapez, B. and Eisenlohr, B. Tectonic settings of Archaean (3325-2775Ma) crustal-supracrustal belts in the West Pilbara Block 88(1-4) 173-205: [1998]

Krapez, Bryan Sequence stratigraphy of the Archaean supracrustal belts of the Pilbara Block, Western Australia 60(1-4) 1-45: [1993]

Krapez, Bryan see Barley, Mark E. 91(1-2) 65-90: [1998]

Krasil'schikov, Alexander A. see Gee, David G. 70(3-4) 215-234: [1995]

Krasnova, A. F. and Gooskova, E. G. Palaeomagnetism of Precambrian basic intrusion and dykes of northern Karelia, eastern Fennoscandian Shield 74(4) 245-252: [1995]

Kreutzer, H. see Jacobs, J. 75(3-4) 251-262: [1995]

Kriegsman, Leo M. see Kroner, A. 66(1-4) 21-37: [1994]

Kriegsman, Leo M. Evidence for a fold nappe in the high-grade basement of central Sri Lanka; terrane assembly in the Pan-African lower crust? 66(1-4) 59-76: [1994]

Kriegsman, Leo M. The Pan-African event in East Antarctica; a view from Sri Lanka and the Mozambique Belt 75(3-4) 263-277: [1995]

Kriegsman, Leo M. see van Gool, Jeroen A. M. 93(1) 71-85: [1999]

Krikke, Albert see Nijman, Wouter 88(1-4) 83-108: [1998]

Krikke, Albert see Nijman, Wouter 95(3-4) 275, 277-302: [1999]

Krinsley, David, Nagy, Bartholomew, Dypvik, Henning and Rigali, Mark Microtextures in mudrocks as revealed by backscattered electron imaging 61(3-4) 191-207: [1993]

Krinsley, David H. see Retallack, Gregory J. 63(1-2) 27-41: [1993]

Krishna Rao, B. see Russell, J. 78(4) 261-272: [1996]

Krogh, T. E. see Ferreira Filho, Cesar F. 68(3-4) 241-255: [1994]

Krogh, T. E. see Chen, Y. D. 72(3-4) 263-281: [1995]

Krogh, T. E. see Kamo, S. L. 80(3-4) 239-260: [1996]

Krogh, T. E. see Wasteneys, H. A. 81(1-2) 101-128: [1997]

Krogh, T. E. see Ketchum, J. W. F. 89(1-2) 25-45: [1998]

Krol, Michael A. see Vinyu, Michael L. 98(1-2) 67-82: [1999]

Kroll, Herbert see Voll, Gerhard 66(1-4) 351-377: [1994]

Kroner, A., Linnebacher, P., Stern, R. J., Reischmann, T., Manton, W. and Hussein, I. M. Evolution of Pan-African island arc assemblages in the southern Red Sea Hills, Sudan, and in southwestern Arabia as exemplified by geochemistry and geochronology 53(1-2) 99-118: [1991]

Kroner, A. see Jones, D. L. 59(1-2) 1-13: [1992]

Kroner, A., Todt, W., Hussein, I. M., Mansour, M. and Rashwan, A. A. Dating of late Proterozoic ophiolites in Egypt and the Sudan using the single grain zircon evaporation technique 59(1-2) 15-32: [1992]

Kroner, A. (editor) Contributions to the early Precambrian geology of the Aldan and Baltic shields, Russian Republic 62(4) 373-528: [1993]

Kroner, A., Kehelpannala, K. V. W. and Kriegsman, Leo M. Origin of compositional layering and mechanism of crustal thickening in the high-grade gneiss terrain of Sri Lanka 66(1-4) 21-37: [1994]

Kroner, A., Jaeckel, P. and Williams, I. S. Pb-loss patterns in zircons from a high-grade metamorphic terrain as revealed by different dating methods; U–Pb and Pb–Pb ages for igneous and metamorphic zircons from northern Sri Lanka 66(1-4) 151-181: [1994]

Kroner, A. and Tegtmeyer, A. Gneiss-greenstone relationships in the ancient gneiss complex of southwestern Swaziland, Southern Africa, and implications for early crustal evolution 67(1-2) 109-139: [1994]

Kroner, A. (editor) and Nutman, A. P. (editor) The oldest rocks on Earth 78(1-3) 1-196: [1996]

Kroner, A., Hegner, E., Wendt, J. I. and Byerly, G. R. The oldest part of the Barberton granitoid-greenstone terrain, South Africa; evidence for crust formation between 3.5 and 3.7 Ga 78(1-3) 105-124: [1996]

Kroner, A. see Seth, B. 92(4) 341-363: [1998]

Kroner, A., Jaeckel, P., Brandl, G., Nemchin, A. A. and Pidgeon, R. T. Single zircon ages for granitoid gneisses in the Central Zone of the Limpopo Belt, Southern Africa and geodynamic significance 93(4) 299-337: [1999]

Kroner, Alfred see Byerly, Gary R. 78(1-3) 125-138: [1996]

Kroner, Alfred see Toulkeridis, Theofilos 79(3-4) 195-207: [1996]

Kroner, Alfred see Ring, Uwe 85(1-2) 27-51: [1997]

Kroner, Alfred see Toulkeridis, Theofilos 92(2) 129-144: [1998]

Krouse, H. R. see Iyer, S. S. 73(1-4) 271-282: [1995]

Krouse, H. Roy see Ross, Gerald M. 73(1-4) 71-99: [1995]

Kruger, F. Johan, Kamber, Balz Samuel and Harris, Phillip D. Isotopic peculiarities of an Archaean pegmatite (Union Mine, Mica, South Africa); geochemical and geochronological implications 91(3-4) 253-267: [1998]

Krylov, D. P. see Sedova, I. S. 62(4) 431-451: [1993]

Krylov, I. N. see Lobach-Zhuchenko, S. B. 62(4) 375-397: [1993]

Krylov, I. N. see Lobach-Zhuchenko, S. B. 92(3) 223-250: [1998]

Krynauw, J. R. see Grantham, G. H. 75(3-4) 209-229: [1995]

Krynauw, J. R. see Groenewald, P. B. 75(3-4) 231-250: [1995]

Kukkonen, I. see Cermak, V. 64(1-4) 53-65: [1993]

Kullerud, Lars see Johansson, Leif 64(1-4) 347-360: [1993]

Kullerud, Lars and Dahlgren, Sven H. Sm-Nd geochronology of Sveconorwegian granulite facies mineral assemblages in the Bamble shear belt, South Norway 64(1-4) 389-402: [1993]

Kumar, Anil, Padma Kumari, V. M., Dayal, A. M., Murthy, D. S. N. and Gopalan, K. Rb–Sr ages of Proterozoic kimberlites of India; evidence for contemporaneous emplacement 62(3) 227-237: [1993]

Kumar, Anil see Natarajan, M. 65(1-4) 167-181: [1994]

Kumar, Anil, Bhaskar Rao, Y. J., Sivaraman, T. V. and Gopalan, K. Sm–Nd ages of Archaean metavolcanics of the Dharwar Craton, South India 80(3-4) 205-216: [1996]

Kumar, S. and Srivastava, Purnima Middle to late Proterozoic microbiota from the Deoban Limestone, Garhwal Himalaya, India 56(3-4) 291-318: [1992]

Kumar, S., Venkatachala, B. S., Shukla, M., Sharma, M., Naqvi, S. M., Srinivasan, R. and Udairaj, B. Archean microbiota from the Donimalai Formation, Dharwar Supergroup, India [discussion and reply] 57(1-2) 165-168: [1992]

Kumar, S. Megafossils from the Mesoproterozoic Rohtas Formation (the Vindhyan Supergroup), Katni area, central India 72(3-4) 171-184: [1995]

Kumar, S. and Srivastava, P. Microfossils from the Kheinjua Formation, Mesoproterozoic Semri Group, Newari area, central India 74(1-2) 91-117: [1995]

Kunz, J. see Jacobs, J. 86(1-2) 71-92: [1997]

Kyser, Kurt see Yang, Haiming 92(1) 37-64: [1998]

Kyser, T. K. see Whittaker, S. G. 90(3-4) 187-202: [1998]

Laajoki, K. see Karki, A. 64(1-4) 207-223: [1993]

Laajoki, K. see Strand, K. O. 64(1-4) 253-271: [1993]

Laajoki, K. see Strand, K. 97(3-4) 253-267: [1999]

Lafleche, M. R., Dupuy, C. and Dostal, J. Archaean orogenic ultrapotassic magmatism; an example from the southern Abitibi greenstone belt 52(1-2) 71-96: [1991]

Lafleche, M. R. see Camire, G. E. 62(3) 285-305: [1993]

Lafleche, Marc R., Dupuy, C. and Bougault, H. Geochemistry and petrogenesis of Archean mafic volcanic rocks of the southern Abitibi Belt, Québec 57(3-4) 207-241: [1992]

Lafrance, B., Clarke, G. L., Collins, W. J. and Williams, I. S. The emplacement of the Wuluma Granite; melt generation and migration along steeply dipping extensional fractures at the close of the late Strangways orogenic event, Arunta Block, central Australia 72(1-2) 43-67: [1995]

Lagerblad, Bjorn see Persson, Per-Olof 74(1-2) 57-72: [1995]

Lagstein, Amir see Fairchild, Thomas R. 80(1-2) 125-152: [1996]

Lahtinen, Raimo and Huhma, Hannu Isotopic and geochemical constraints on the evolution of the 1.93-1.79 Ga Svecofennian crust and mantle in Finland 82(1-2) 13-34: [1997]

Lambert, Richard St. J. see Sun, Min 56(1-2) 1-31: [1992]

Lambert, Richard St. J. see Sun, Min 62(1-2) 171-190: [1993]

Lamothe, D. see Machado, N. 63(3-4) 211-223: [1993]

Landenberger, B., Farrell, T. R., Offler, R., Collins, W. J. and Whitford, D. J. Tectonic implications of Rb-Sr biotite ages for the Hillgrove Plutonic Suite, New England fold belt, N.S.W., Australia 71(1-4) 251-263: [1995]

Larichev, A. I. see Surkov, V. S. 54(1) 37-44: [1991]

Larionov, Alexander N. see Gee, David G. 70(3-4) 215-234: [1995]

Larson, E. E., Patterson, P. E. and Mutschler, F. E. Lithology, chemistry, age, and origin of the Proterozoic Cardenas Basalt, Grand Canyon, Arizona 65(1-4) 255-276: [1994]

Larsson, F. R. see Kinck, J. J. 64(1-4) 23-51: [1993]

Latouche, L. see Liegeois, J. P. 67(1-2) 59-88: [1994]

Lawlor, P. J., Ortega-Gutiérrez, F., Cameron, K. L., Ochoa-Camarillo, H., Lopez, R. and Sampson, D. E. U-Pb geochronology, geochemistry, and provenance of the Grenvillian Huiznopala Gneiss of eastern Mexico 94(1-2) 73-99: [1999]

Lawrie, K. C. Geochemical characterisation of a polyphase deformed, altered, and high grade metamorphosed volcanic terrane; implications for the tectonic setting of the Svecofennides, south-central Finland 59(3-4) 171-205: [1992]

Le Fort, P. see Bhat, M. I. 56(3-4) 191-210: [1992]

Le Roux, J. P. see Rozendaal, A. 97(3-4) 303-323: [1999]

Leblanc, M., Naidoo, D. D., Bloomer, S. H., Saquaque, A. and Hefferan, K. Geochemistry and significance of metavolcanic rocks from the Bou Azzer–El Graara ophiolite (Morocco) [discussion and reply] 62(3) 367-371: [1993]

Leblanc, M. and Moussine-Pouchkine, A. Sedimentary and volcanic evolution of a Neoproterozoic continental margin (Bleida, Anti-Atlas, Morocco) 70(1-2) 25-44: [1994]

Ledru, Patrick see Milesi, Jean-Pierre 58(1-4) 305-344: [1992]

Ledru, Patrick, Johan, Véra, Milési, Jean-Pierre and Tegyey, Monique Markers of the last stages of the Palaeoproterozoic collision; evidence for a 2 Ga continent involving circum-South Atlantic provinces 69(1-4) 169-191: [1994]

Ledru, Patrick, Milési, Jean-Pierre, Johan, V., Sabaté, P. and Maluski, H. Foreland basins and gold-bearing conglomerates; a new model for the Jacobina Basin (Sao Francisco Province, Brazil) 86(3-4) 155-176: [1997]

Ledru, Patrick see Vanderhaeghe, Olivier 92(2) 165-194: [1998]

Lee, Kwang-Sik, Chang, Ho-Wan and Park, Kye-Hun Neoproterozoic bimodal volcanism in the central Ogcheon Belt, Korea; age and tectonic implication 89(1-2) 47-57: [1998]

Legault, Marc I. and Hattori, Keiko Late Archaean geological development recorded in the Timiskaming Group sedimentary rocks, Kirkland Lake area, Abitibi greenstone belt, Canada 68(1-2) 23-42: [1994]

Leger, J. M. see Pons, J. 70(3-4) 281-301: [1995]

Lei, J. see Li, R. 97(1-2) 59-75: [1999]

Lei Jiajin see Shen Yanan 89(1-2) 77-86: [1998]

Leite, W. B. see Bettencourt, J. S. 95(1-2) 41-67: [1999]

Lemon, N. M. A Neoproterozoic fringing stromatolite reef complex, Flinders Ranges, South Australia 100(1-3) 109-120: [2000]

Leube, Alfred see Taylor, Paul N. 56(1-2) 97-111: [1992]

Levchenkov, O. A. see Lobach-Zhuchenko, S. B. 62(4) 375-397: [1993]

Leventhal, Joel S. (editor) see Nagy, Bartholomew 61(3-4) 169-322: [1993]

Levsky, L. K. see Lobach-Zhuchenko, S. B. 92(3) 223-250: [1998]

Lewis, S. E. see Hughes, S. S. 84(1-2) 37-62: [1997]

Lewry, J. F. see Crocker, C. H. 61(1-2) 27-50: [1993]

Lewry, J. F. see Bickford, M. E. 68(1-2) 1-21: [1994]

Lewry, J. F. see Orrell, S. E. 95(3-4) 187-223: [1999]

L'Heureux, Marc see Bourne, James H. 52(1-2) 37-51: [1991]

Li, R., Chen, J., Zhang, S., Lei, J., Shen, Y. and Chen, X. Spatial and temporal variations in carbon and sulfur isotopic compositions of Sinian sedimentary rocks in the Yangtze Platform, South China 97(1-2) 59-75: [1999]

Li, X. H. U-Pb zircon ages of granites from the southern margin of the Yangtze Block; timing of Neoproterozoic Jinning; orogeny in SE China and implications for Rodinia assembly 97(1-2) 43-57: [1999]

Li, Xiao see Fairchild, Thomas R. 80(1-2) 125-152: [1996]

Li, Z. X., Powell, C. McA., Piper, J. D. A. and Qi Rui Zhang Palaeomagnetic study of Neoproterozoic glacial rocks of the Yangzi Block; palaeolatitude and configuration of South China in the late Proterozoic supercontinent [discussion and reply] 94(1-2) 1-10: [1999]

Li, Z. X. see Evans, David A. D. 100(1-3) 313-334: [2000]

Li, Z. X. New palaeomagnetic results from the "cap dolomite" of the Neoproterozoic Walsh Tillite, northwestern Australia 100(1-3) 359-370: [2000]

Li Jianghai see Wang Kaiyi 78(1-3) 95-103: [1996]

Li Jiliang see Zhao Yue 75(3-4) 175-188: [1995]

Li Jiliang see Wang Kaiyi 78(1-3) 95-103: [1996]

Li Xianhua and McCulloch, Malcolm T. Secular variation in the Nd isotopic composition of Neoproterozoic sediments from the southern margin of the Yangtze Block; evidence for a Proterozoic continental collision in Southeast China 76(1-2) 67-76: [1996]

Li Xianhua, Zhao Jianxin, McCulloch, Malcolm T., Zhou Guoqin and Xing Fengming Geochemical and Sm-Nd isotopic study of Neoproterozoic ophiolites from southeastern China; petrogenesis and tectonic implications 81(1-2) 129-144: [1997]

Libby, W. G. see Tyler, I. M. 54(2-4) 211-229: [1992]

Lidiak, Edward G. see Marshall, Leland P. 76(1-2) 47-65: [1996]

Lidmar-Bergstrom, K. Denudation surfaces and tectonics in the southernmost part of the Baltic Shield 64(1-4) 337-345: [1993]

Liegeois, J. P., Black, R., Navez, J. and Latouche, L. Early and late Pan-African orogenies in the Aïr assembly of terranes (Tuareg Shield, Niger) 67(1-2) 59-88: [1994]

Liegeois, J. P. see Tack, L. 68(3-4) 323-356: [1994]

Liegeois, J. P., Berza, T., Tatu, M. and Duchesne, J. C. The Neoproterozoic Pan-African basement from the Alpine lower Danubian nappe system (South Carpathians, Romania). 80(3-4) 281-301: [1996]

Liew, T. C. see Milisenda, C. C. 66(1-4) 95-110: [1994]

Liew, T. C., Milisenda, C. C. and Hofmann, A. W. Pb isotopic discrimination of crustal domains within the high-grade basement of Sri Lanka 66(1-4) 111-121: [1994]

Lightfoot, P. C. see Sage, Ron P. 76(3-4) 119-153: [1996]

Lightfoot, Peter C. see Sage, Ron P. 76(3-4) 155-190: [1996]

Liipo, Jussi P. see Nykanen, Vesa M. 70(1-2) 45-65: [1994]

Lindh, A. see Wang, X. D. 92(4) 319-339: [1998]

Lindh, Anders see Persson, Per-Olof 74(1-2) 57-72: [1995]

Lindroos, Alf see Ehlers, Carl 64(1-4) 295-309: [1993]

Lindsay, J. F. and Brasier, M. D. A carbon isotope reference curve for ca. 1700-1575 Ma, McArthur and Mount Isa basins, northern Australia 99(3-4) 271-308: [2000]

Linnebacher, P. see Kroner, A. 53(1-2) 99-118: [1991]

Linnemann, U. G. The Neoproterozoic terranes of Saxony (Germany) 73(1-4) 235-250: [1995]

Liu Dunyi see Song Biao 78(1-3) 79-94: [1996]

Liu Jinzhong see Condie, Kent C. 59(3-4) 207-223: [1992]

Liu Xiaohan see Zhao Yue 75(3-4) 175-188: [1995]

Loader, S. E. (editor) see Barley, M. E. 88(1-4) 1-265: [1998]

Loader, S. E. see Barley, M. E. 88(1-4) 3-23: [1998]

Lobach-Zhuchenko, S. B., Chekulayev, V. P., Sergeev, S. A., Levchenkov, O. A. and Krylov, I. N. Archaean rocks from southeastern Karelia (Karelian granite greenstone terrain) 62(4) 375-397: [1993]

Lobach-Zhuchenko, S. B., Arestova, N. A., Chekulaev, V. P., Levsky, L. K., Bogomolov, E. S. and Krylov, I. N. Geochemistry and petrology of 2.40-2.45 Ga magmatic rocks in the north-western Belomorian Belt, Fennoscandian Shield, Russia 92(3) 223-250: [1998]

Loh, Geoffrey see John, Timm 98(1-2) 11-30: [1999]

Lombardo, Bruno see Talarico, Franco 75(3-4) 157-174: [1995]

Longstaffe, Fred J. see Dix, George R. 70(3-4) 253-268: [1995]

Lopez, R. see Lawlor, P. J. 94(1-2) 73-99: [1999]

Lopez-Cortes, Alejandro Paleobiological significance of hydrophobicity and adhesion of phototrophic bacteria from microbial mats 96(1-2) 25-39: [1999]

Lopez-Martinez, Margarita, York, Derek and Hanes, John A. A $^{40}Ar/^{39}Ar$ geochronological study of komatiites and komatiitic basalts from the lower Onverwacht Volcanics; Barberton Mountain Land, South Africa 57(1-2) 91-119: [1992]

Lopez Munguira, A., Nieto, F., Sebastián Pardo, E. and Velilla, N. The composition of phyllosilicates in Precambrian, low-grade-metamorphic, clastic rocks from the Southern Hesperian Massif (Spain) used as an indicator to metamorphic conditions 53(3-4) 267-279: [1991]

Lotyshev, V. I. see Surkov, V. S. 54(1) 37-44: [1991]

Loveridge, W. Dale see Gower, Charles F. 51(1-4) 315-336: [1991]

Lowe, Donald R. see Cullers, Robert L. 60(1-4) 99-116: [1993]

Lowe, Donald R. see Heubeck, Christoph 68(3-4) 257-290: [1994]

Lowe, Donald R. see Byerly, Gary R. 78(1-3) 125-138: [1996]

Lowell, Gary R. The Butler Hill Caldera; a mid-Proterozoic ignimbrite-granite complex 51(1-4) 245-263: [1991]

Lowell, Gary R. and Young, G. J. Interaction between coeval mafic and felsic melts in the St. Francois Terrane of Missouri, USA 95(1-2) 69-88: [1999]

Lowry, D. see Rollinson, H. R. 55(1-4) 33-45: [1992]

Lowry, David (reviewer) The evolving continents [book review] 82(3-4) 351-352: [1997]

Lu Liangzhao see Zhao, Guochun 93(2-3) 181-199: [1999]

Lucas, S. B. see St-Onge, M. R. 93(1) 27-49: [1999]

Ludden, J. N. see Camire, G. E. 62(3) 285-305: [1993]

Ludden, J. N. see Dunphy, J. M. 91(1-2) 109-142: [1998]

Ludden, John N. (editor) see Percival, John A. 91(1-2) 1-226: [1998]

Ludtke, G. see Hirdes, W. 80(3-4) 173-191: [1996]

Lumbers, S. B., Wu, Tsai-Way, Heaman, L. M., Vertolli, V. M. and MacRae, N. D. Petrology and age of the A-type Mulock granite batholith, northern Grenville Province, Ontario 53(3-4) 199-231: [1991]

Lumbers, S. B. see Chen, Y. D. 72(3-4) 263-281: [1995]

Luukas, J. see Karki, A. 64(1-4) 207-223: [1993]

Lyttle, Peter T. see Aleinikoff, John N. 99(1-2) 113-146: [2000]

Lyubtsov, Valery V. see Melezhik, Victor A. 82(3-4) 311-348: [1997]

Maboko, M. A. H. see Ellis, D. J. 55(1-4) 491-506: [1992]

Maboko, M. A. H. and Nakamura, E. Sm-Nd garnet ages from the Uluguru granulite complex of eastern Tanzania; further evidence for post-metamorphic slow cooling in the Mozambique Belt 74(4) 195-202: [1995]

Maboko, M. A. H. and Nakamura, E. Nd and Sr isotopic mapping of the Archaean–Proterozoic boundary in southeastern Tanzania using granites as probes for crustal growth 77(1-2) 105-115: [1996]

Macêdo, J. W. P. see Archanjo, C. J. 87(1-2) 19-32: [1998]

Macfarlane, Andrew W., Danielson, Antje and Holland, Heinrich D. Geology and major and trace element chemistry of late Archean weathering profiles in the Fortescue Group, Western Australia; implications for atmospheric P_{O2} 65(1-4) 297-317: [1994]

Machado, N., David, J., Scott, D. J., Lamothe, D., Philippe, S. and Gariépy, C. U-Pb geochronology of the western Cape Smith Belt, Canada; new insights on the age of initial rifting and arc magmatism 63(3-4) 211-223: [1993]

Machado, N., Valladares, C., Heilbron, M. and Valeriano, C. U-Pb geochronology of the central Ribeira Belt (Brazil) and implications for the evolution of the Brazilian Orogeny 79(3-4) 347-361: [1996]

Machado, N. see David, J. 80(1-2) 107-124: [1996]

Machado, Nuno see Martignole, Jacques 68(3-4) 291-306: [1994]

Machado, Nuno see Scott, David J. 70(3-4) 169-190: [1995]

Machado, Nuno see Teixeira, Wilson 78(1-3) 151-164: [1996]

Machado, Nuno see Pimentel, Marcio M. 81(3-4) 299-310: [1997]

MacRae, N. D. see Lumbers, S. B. 53(3-4) 199-231: [1991]

Madhavan, V. see Chalapathi Rao, N. V. 79(3-4) 363-369: [1996]

Mahabaleswar, B. see Jayananda, M. 99(3-4) 225-254: [2000]

Mai Huazhao see Korsch, R. J. 54(1) 45-63: [1991]

Maijer, Cornelis see de Haas, Geert-Jan L. M. 64(1-4) 403-417: [1993]

Makarikhin, Vladimir V. see Melezhik, Victor A. 82(3-4) 311-348: [1997]

Mallik, S. Basu see Das, Ashis K. 80(3-4) 193-204: [1996]

Maluski, H. see Ledru, Patrick 86(3-4) 155-176: [1997]

Manatschal, Gianreto see Kalsbeek, Feiko 94(1-2) 101-120: [1999]

Manikyamba, C., Balaram, V. and Naqvi, S. M. Geochemical signatures of polygenetic origin of a banded iron formation (BIF) of the Archaean Sandur greenstone belt (schist belt) Karnataka nucleus, India 61(1-2) 137-164: [1993]

Manikyamba, C. and Naqvi, S. M. Geochemistry of Fe-Mn formations of the Archaean Sandur schist belt, India; mixing of clastic and chemical processes at a shallow shelf 72(1-2) 69-95: [1995]

Manikyamba, C., Naqvi, S. M., Moeen, S., Gnaneshwar Rao, T., Balaram, V., Ramesh, S. L. and Reddy, G. L. N. Geochemical heterogeneities of metagraywackes from the Sandur schist belt; implications for active plate margin processes 84(3-4) 117-138: [1997]

Mansfeld, Joakim Geological, geochemical and geochronological evidence for a new Palaeoproterozoic terrane in southeastern Sweden 77(1-2) 91-103: [1996]

Mansfeld, Joakim see Sundblad, Krister 82(1-2) 1-12: [1997]

Mansour, M. see Kroner, A. 59(1-2) 15-32: [1992]

Manton, W. see Kroner, A. 53(1-2) 99-118: [1991]

Marcoux, Eric see Milesi, Jean-Pierre 58(1-4) 305-344: [1992]

Marini, Onildo J. see Pimentel, Marcio M. 52(3-4) 321-335: [1991]

Marker, M. see Kern, H. 64(1-4) 169-187: [1993]

Marker, Mogens see van Gool, Jeroen A. M. 93(1) 71-85: [1999]

Marker, Mogens see Nutman, Allen P. 93(1) 87-104: [1999]

Markkula, Heikki see Skiold, Torbjorn 64(1-4) 225-238: [1993]

Marques, J. M. see Pinna, P. 62(1-2) 1-59: [1993]

Marshak, Stephen see Cunningham, W. Dickson 77(1-2) 1-15: [1996]

Marshak, Stephen see Alkmim, Fernando F. 90(1-2) 29-58: [1998]

Marshak, Stephen see Cunningham, Dickson 92(3) 251-275: [1998]

Marshak, Stephen see Brueckner, Hannes K. 99(3-4) 255-269: [2000]

Marshall, Leland P. and Lidiak, Edward G. Geochemistry and paleomagnetism of Keweenawan basalt in the subsurface of Nebraska 76(1-2) 47-65: [1996]

Martignole, Jacques, Machado, Nuno and Indares, Aphrodite The Wakeham Terrane; a Mesoproterozoic terrestrial rift in the eastern part of the Grenville Province 68(3-4) 291-306: [1994]

Martignole, Jacques and Friedman, Richard Geochronological constraints on the last stages of terrane assembly in the central part of the Grenville Province 92(2) 145-164: [1998]

Martin, D. McB., Powell, C. McA. and George, A. D. Stratigraphic architecture and evolution of the early Paleoproterozoic McGrath Trough, Western Australia 99(1-2) 33-64: [2000]

Martin, H., Peucat, J. J., Sabaté, P. and Cunha, J. C. Crustal evolution in the early Archean of South America; example of the Sete Voltas Massif, Bahia State, Brazil 82(1-2) 35-62: [1997]

Martin, H. see Jayananda, M. 99(3-4) 225-254: [2000]

Martin, Mark W. see Vinyu, Michael L. 98(1-2) 67-82: [1999]

Martin, R. F. see Meldrum, A. 82(3-4) 265-285: [1997]

Martini, J. E. J. A late Archaean-Palaeoproterozoic (2.6 Ga) Palaeosol on ultramafics in the eastern Transvaal, South Africa 67(1-2) 159-180: [1994]

Martinotti, G. see Cosi, M. 58(1-4) 215-240: [1992]

Masberg, H. P., Hoffer, E. and Hoernes, S. Microfabrics indicating granulite-facies metamorphism in the low-pressure central Damara Orogen, Namibia 55(1-4) 243-257: [1992]

Mathew, J. see Radhakrishna, T. 80(1-2) 77-87: [1996]

Matthai, Stephan K. and Henley, Richard W. Geochemistry and depositional environment of the gold-mineralized Proterozoic Koolpin Formation, Pine Creek Inlier, Northern Australia; a comparison with modern shale sequences 78(4) 211-235: [1996]

Matthews, Alan see Beyth, Michael 86(1-2) 45-58: [1997]

Mawby, J. see Foden, J. 71(1-4) 207-227: [1995]

Mayaga-Mikolo, F. see Feybesse, J. L. 87(3-4) 161-216: [1998]

Mazumder, R. see Eriksson, Patrick G. 97(3-4) 269-302: [1999]

Mazumder, Rajat see Bose, Pradip K. 84(1-2) 63-81: [1997]

Mazzucchelli, Maurizio, Rivalenti, Giorgio, Piccirillo, Enzo Michele, Girardi, Vicente Antonio Vitorio, Civetta, Lucia and Petrini, Riccardo Petrology of the Proterozoic mafic dyke swarms of Uruguay and constraints on their mantle source composition 74(3) 177-194: [1995]

McCourt, Stephen and van Reenen, Dirk D. Structural geology and tectonic setting of the Sutherland greenstone belt, Kaapvaal Craton, South Africa 55(1-4) 93-110: [1992]

McCourt, Stephen and Vearncombe, Julian R. Shear zones of the Limpopo Belt and adjacent granitoid-greenstone terranes; implications for late Archaean collision tectonics in Southern Africa 55(1-4) 553-570: [1992]

McCulloch, Malcolm T. see Zhao, Jian-xin 71(1-4) 265-299: [1995]

McCulloch, Malcolm T. see Li Xianhua 76(1-2) 67-76: [1996]

McCulloch, Malcolm T. see Zhao, Jian-xin 81(1-2) 37-66: [1997]

McCulloch, Malcolm T. see Li Xianhua 81(1-2) 129-144: [1997]

McCulloch, Malcolm T. see Young, D. N. 86(1-2) 1-19: [1997]

McFadden, P. L. see Jones, D. L. 59(1-2) 1-13: [1992]

McGregor, V. R. and Friend, Clark R. L. Field recognition of rocks totally retrogressed from granulite facies; an example from Archaean rocks in the Paamiut region, South-West Greenland 86(1-2) 59-70: [1997]

McGregor, Victor R. see Nutman, Allen P. 78(1-3) 1-39: [1996]

McIlroy, D., Jenkins, R. J. F. and Walter, M. R. The nature of the Proterozoic-Cambrian transition in the northern Amadeus Basin, central Australia 86(1-2) 93-113: [1997]

McLaughlin, N. A. see Collins, W. J. 71(1-4) 91-105: [1995]

McNaughton, N. J. see Goellnicht, N. M. 51(1-4) 375-391: [1991]

McNaughton, N. J., Compston, W. and Barley, M. E. Constraints on the age of the Warrawoona Group, eastern Pilbara Block, Western Australia 60(1-4) 69-98: [1993]

McNaughton, N. J. see Bickle, M. J. 60(1-4) 117-149: [1993]

McNaughton, N. J. see Sarkar, G. 62(1-2) 127-137: [1993]

McNaughton, N. J. see Barley, M. E. 88(1-4) 3-23: [1998]

McNaughton, N. J. see Smith, J. B. 88(1-4) 143-171: [1998]

McNaughton, N. J. see Neumayr, P. 88(1-4) 249-265: [1998]

McNutt, R. H. see Sengupta, S. 77(1-2) 17-22: [1996]

McNutt, Robert H. see Dix, George R. 70(3-4) 253-268: [1995]

McWilliams, M. O. see Jones, D. L. 59(1-2) 1-13: [1992]

Meakins, Adrienne L. (editor) see Blake, Tim S. 60(1-4) 1-359: [1993]

Meen, James K. see Chacko, Thomas 55(1-4) 469-489: [1992]

Meen, James K. see Brandon, Alan D. 70(3-4) 269-280: [1995]

Meert, Joseph G. see Van der Voo, Rob 53(1-2) 149-163: [1991]

Meert, Joseph G., Van der Voo, Rob and Patel, Jay Paleomagnetism of the late Archean Nyanzian System, western Kenya 69(1-4) 113-131: [1994]

Meert, Joseph G., Van der Voo, Rob and Ayub, Samwel Paleomagnetic investigation of the Neoproterozoic Gagwe lavas and Mbozi Complex, Tanzania and the assembly of Gondwana 74(4) 225-244: [1995]

Meier, Martin see Johansson, Ake 64(1-4) 361-388: [1993]

Meldrum, A., Abdel-Rahman, A. F. M., Martin, R. F. and Wodicka, N. The nature, age and petrogenesis of the Cartier Batholith, northern flank of the Sudbury Structure, Ontario, Canada 82(3-4) 265-285: [1997]

Melezhik, Victor A., Fallick, Anthony E., Makarikhin, Vladimir V. and Lyubtsov, Valery V. Links between Palaeoproterozoic palaeogeography and rise and decline of stromatolites; Fennoscandian Shield 82(3-4) 311-348: [1997]

Melezhik, Victor A., Sturt, Brian A., Sharkov, Evgenii V. and Smolkin, Valery The early Proterozoic Pechenga-Varzuga Belt; a case of Precambrian back-arc spreading [discussion and reply] 92(3) 215-221: [1998]

Mellqvist, C. see Ohlander, Bjorn 93(1) 105-117: [1999]

Mellqvist, C., Ohlander, Bjorn, Skiold, T. and Wikstrom, A. The Archaean-Proterozoic palaeoboundary in the Lulea area, northern Sweden; field and isotope geochemical evidence for a sharp terrane boundary 96(3-4) 225-243: [1999]

Melnikov, Alexander see Boven, Ariel 93(1) 119-137: [1999]

Melnikov, N. V. see Surkov, V. S. 54(1) 37-44: [1991]

Mengel, Flemming (editor) Precambrian orogenic processes 93(1) 1-137: [1999]

Menot, R. P. see Peucat, J. J. 94(3-4) 205-224: [1999]

Menot, Rene-Pierre see Affaton, Pascal 82(3-4) 191-209: [1997]

Mertanen, S. and Pesonen, L. J. Preliminary results of a palaeomagnetic and rock magnetic study of the Proterozoic Tsuomasvarri intrusions, northern Fennoscandia 69(1-4) 25-50: [1994]

Mertanen, S., Halls, H. C., Vuollo, Jouni I., Pesonen, L. J. and Stepanov, V. S. Paleomagnetism of 2.44 Ga mafic dykes in Russian Karelia, eastern Fennoscandian Shield; implications for continental reconstructions 98(3-4) 197-221: [1999]

Mezger, Klaus see Seth, B. 92(4) 341-363: [1998]

Mezger, Klaus see Galer, Stephen J. G. 92(4) 387-412: [1998]

Mezger, Klaus and Cosca, Michael A. The thermal history of the Eastern Ghats Belt (India) as revealed by U-Pb and $^{40}Ar/^{39}Ar$ dating of metamorphic and magmatic minerals; implications for the SWEAT correlation 94(3-4) 251-271: [1999]

Middleton, M. F. see Wilde, S. A. 78(1-3) 179-196: [1996]

Milesi, Jean-Pierre, Ledru, Patrick, Feybesse, Jean-Louis, Dommanget, Alain and Marcoux, Eric Early Proterozoic ore deposits and tectonics of the Birimian orogenic belt, West Africa 58(1-4) 305-344: [1992]

Milesi, Jean-Pierre see Ledru, Patrick 69(1-4) 169-191: [1994]

Milesi, Jean-Pierre see Feybesse, Jean-Louis 69(1-4) 199-227: [1994]

Milesi, Jean-Pierre see Ledru, Patrick 86(3-4) 155-176: [1997]

Milesi, Jean-Pierre see Vanderhaeghe, Olivier 92(2) 165-194: [1998]

Milisenda, C. C., Liew, T. C., Hofmann, A. W. and Köhler, H. Nd isotopic mapping of the Sri Lanka basement; update, and additional constraints from Sr isotopes 66(1-4) 95-110: [1994]

Milisenda, C. C. see Liew, T. C. 66(1-4) 111-121: [1994]

Milkevich, R. I. see Velikoslavinsky, S. D. 62(4) 507-525: [1993]

Miller, C. F. see Rapp, R. P. 51(1-4) 1-25: [1991]

Miller, John A. see Chalapathi Rao, N. V. 79(3-4) 363-369: [1996]

Miller, K. C. and Hargraves, R. B. Paleomagnetism of some Indian kimberlites and lamproites 69(1-4) 259-267: [1994]

Miller, Randy R., Heaman, Larry M. and Birkett, Tyson C. U-Pb zircon age of the Strange Lake peralkaline complex; implications for Mesoproterozoic peralkaline magmatism in north-central Labrador 81(1-2) 67-82: [1997]

Minyem, D. see Nedelec, A. 62(3) 191-205: [1993]

Mishra, D. C., Singh, B., Tiwari, V. M., Gupta, S. B. and Rao, M. B. S. V. Two cases of continental collisions and related tectonics during the Proterozoic period in India; insights from gravity modelling constrained by seismic and magnetotelluric studies 99(3-4) 149-169: [2000]

Mishra, S., Deomurari, M. P., Wiedenbeck, Michael, Goswami, J. N., Ray, S. and Saha, A. K. $^{207}Pb/^{206}Pb$ zircon ages and the evolution of the Singhbhum Craton, eastern India; an ion microprobe study 93(2-3) 139-151: [1999]

Misi, Aroldo and Veizer, Ján Neoproterozoic carbonate sequences of the Una Group, Irece Basin, Brazil; chemostratigraphy, age and correlations 89(1-2) 87-100: [1998]

Mitrofanov, Felix P. see Daly, J. Stephen 64(1-4) 189-195: [1993]

Mitrofanov, Felix P. see Balashov, Yuriy A. 64(1-4) 197-205: [1993]

Miura, H. see Neogi, S. 76(1-2) 77-91: [1996]

Miura, Hiroyuki see Dasgupta, Somnath 83(4) 267-290: [1997]

Miyano, T. see Tsunogae, T. 55(1-4) 259-277: [1992]

Moczydlowska, Malgorzata see Vidal, Gonzalo 73(1-4) 197-216: [1995]

Moeen, S. see Manikyamba, C. 84(3-4) 117-138: [1997]

Mogk, David W., Mueller, Paul A. and Wooden, Joseph L. The nature of Archean terrane boundaries; an example from the northern Wyoming Province 55(1-4) 155-168: [1992]

Mogk, David W. see Mueller, Paul A. 78(1-3) 41-52: [1996]

Mogk, David W. see Mueller, Paul A. 91(3-4) 295-307: [1998]

Moller, Charlotte see Page, Laurence M. 79(3-4) 239-259: [1996]

Moller, Charlotte see Andersson, Jenny 98(1-2) 151-171: [1999]

Monie, P., Caby, R. and Arthaud, M. H. The Neoproterozoic Brasiliano Orogeny in Northeast Brazil; $^{40}Ar/^{39}Ar$ and petrostructural data from Ceara 81(3-4) 241-264: [1997]

Monnier, O. see Peucat, J. J. 94(3-4) 205-224: [1999]

Moorbath, Stephen see Taylor, Paul N. 56(1-2) 97-111: [1992]

Moore, Michelle L. see Corfu, Fernando 92(3) 277-295: [1998]

Moratto, S. see Cosi, M. 58(1-4) 215-240: [1992]

Morgan, Paul see Ashwal, Lewis D. 55(1-4) 525-538: [1992]

Morozova, I. M. see Neymark, L. A. 62(4) 453-472: [1993]

Morozova, Lyudmila N. see Daly, J. Stephen 64(1-4) 189-195: [1993]

Morris, P. A. and Witt, W. K. Geochemistry and tectonic setting of two contrasting Archaean felsic volcanic associations in the Eastern Goldfields, Western Australia 83(1-3) 83-107: [1997]

Morris, R. C. Genetic modelling for banded iron-formation of the Hamersley Group, Pilbara Craton, Western Australia 60(1-4) 243-286: [1993]

Morrison, Jean see Ekstrom, Harold 70(1-2) 1-24: [1994]

Mortensen, J. K. see Thorpe, R. I. 56(3-4) 169-189: [1992]

Mortensen, J. K. see Buchan, K. L. 69(1-4) 1-10: [1994]

Mortensen, James K. see Stern, Richard A. 65(1-4) 115-153: [1994]

Morvik, Randi see Munz, Ingrid Anne 52(1-2) 97-113: [1991]

Morvik, Randi see Munz, Ingrid Anne 53(3-4) 305, 97-113: [1991]

Moser, D. see Wasteneys, H. A. 81(1-2) 101-128: [1997]

Moskovchenko, N. I., Ovchinnikova, G. V. and Kastrykina, V. M. High-pressure granulites of East Siberia in terms of Archaean and Proterozoic evolution 62(4) 473-491: [1993]

Mossman, D. J., Goodarzi, F. and Gentzis, T. Characterization of insoluble organic matter from the lower Proterozoic Huronian Supergroup, Elliot Lake, Ontario 61(3-4) 279-293: [1993]

Mossman, David J. and Thompson-Rizer, Carolyn L. Toward a working nomenclature and classification of organic matter in Precambrian (and Phanerozoic) sedimentary rocks 61(3-4) 171-179: [1993]

Moussine-Pouchkine, A. see Leblanc, M. 70(1-2) 25-44: [1994]

Moyen, J. F. see Jayananda, M. 99(3-4) 225-254: [2000]

Moyes, A. B. see Grantham, G. H. 75(3-4) 209-229: [1995]

Moyes, A. B. see Groenewald, P. B. 75(3-4) 231-250: [1995]

Mroz, J. P. see Pinna, P. 62(1-2) 1-59: [1993]

Mruma, Abdul see Boven, Ariel 93(1) 119-137: [1999]

Mueller, Paul A. see Mogk, David W. 55(1-4) 155-168: [1992]

Mueller, Paul A., Wooden, Joseph L., Mogk, David W., Nutman, Allen P. and Williams, I. S. Extended history of a 3.5 Ga trondhjemitic gneiss, Wyoming Province, USA; evidence from U-Pb systematics in zircon 78(1-3) 41-52: [1996]

Mueller, Paul A., Wooden, Joseph L., Nutman, Allen P. and Mogk, David W. Early Archean crust in the northern Wyoming Province; evidence from U-Pb ages of detrital zircons 91(3-4) 295-307: [1998]

Mueller, W., Donaldson, J. A. and Doucet, P. Volcanic and tectono-plutonic influences on sedimentation in the Archaean Kirkland Basin, Abitibi greenstone belt, Canada 68(3-4) 201-230: [1994]

Mueller, W. U. see Corcoran, P. L. 94(3-4) 175-204: [1999]

Mukhopadhyay, D. see Naha, K. 72(3-4) 283-299: [1995]

Mukhopadhyay, Dhruba see Tobisch, Othmar T. 65(1-4) 319-339: [1994]

Mukhopadhyay, R. P. see Naha, K. 72(3-4) 283-299: [1995]

Munshi, R. L., Bapna, V. S., Deb, M. and Sarkar, S. C. Proterozoic tectonic evolution and metallogenesis in the Aravalli–Delhi orogenic complex, northwestern India [discussion and reply] 61(1-2) 165-168: [1993]

Munyanyiwa, Hubert, Hanson, Richard E., Blenkinsop, Thomas G. and Treloar, Peter J. Geochemistry of amphibolites and quartzofeldspathic gneisses in the Pan-African Zambezi Belt, Northwest Zimbabwe; evidence for bimodal magmatism in a continental rift setting 81(3-4) 179-196: [1997]

Munz, Ingrid Anne and Morvik, Randi Metagabbros in the Modum Complex, southern Norway; an important heat source for Sveconorwegian metamorphism 52(1-2) 97-113: [1991]

Munz, Ingrid Anne and Morvik, Randi Metagabbros in the Modum Complex, Southern Norway; an important heat source for Sveconorwegian metamorphism [erratum] 53(3-4) 305, 97-113: [1991]

Murphy, J. B. see Nance, R. D. 53(1-2) 41-78: [1991]

Murphy, J. B. see Dostal, J. 76(1-2) 93-113: [1996]

Murthy, D. S. N. see Kumar, Anil 62(3) 227-237: [1993]

Mushayandebvu, M. F., Jones, D. L. and Briden, J. C. A palaeomagnetic study of the Umvimeela Dyke, Zimbabwe; evidence for a Mesoproterozoic overprint 69(1-4) 269-280: [1994]

Mutschler, F. E. see Larson, E. E. 65(1-4) 255-276: [1994]

Mwale, Giddy see Hanson, Richard E. 63(3-4) 189-209: [1993]

Myers, J. S. and Barley, M. E. Proterozoic tectonic framework and metal deposits of southwestern Australia 58(1-4) 345-354: [1992]

Myers, J. S. Preface; Archaean geology of the Eastern Goldfields of Western Australia; regional overview 83(1-3) 1-10: [1997]

Myers, J. S. (editor) Archaean granite-greenstone geology of the Eastern Goldfields, Yilgarn Craton, Western Australia 83(1-3) 1-219: [1997]

Myrow, Paul M. Neoproterozoic rocks of the Newfoundland Avalon Zone 73(1-4) 123-136: [1995]

Nagler, T. F. and Kramers, J. D. Nd isotopic evolution of the upper mantle during the Precambrian; models, data and the uncertainty of both 91(3-4) 233-252: [1998]

Nagy, Bartholomew (editor), Leventhal, Joel S. (editor) and Grauch, Richard I. (editor) Metalliferous black shales and related ore deposits 61(3-4) 169-322: [1993]

Nagy, Bartholomew see Krinsley, David 61(3-4) 191-207: [1993]

Naha, K., Mukhopadhyay, D., Dastidar, S. and Mukhopadhyay, R. P. Basement-cover relations between a granite gneiss body and its metasedimentary envelope; a structural study from the early Precambrian Dharwar tectonic province, southern India 72(3-4) 283-299: [1995]

Naidoo, D. D., Bloomer, S. H., Saquaque, A. and Hefferan, K. Geochemistry and significance of metavolcanic rocks from the Bou Azzer-El Graara Ophiolite (Morocco) 53(1-2) 79-97: [1991]

Naidoo, D. D. see Leblanc, M. 62(3) 367-371: [1993]

Nakamura, E. see Maboko, M. A. H. 74(4) 195-202: [1995]

Nakamura, E. see Maboko, M. A. H. 77(1-2) 105-115: [1996]

Naldrett, Anthony J. see Ferreira Filho, Cesar F. 59(1-2) 125-143: [1992]

Naldrett, Anthony J. see Ferreira Filho, Cesar F. 68(3-4) 241-255: [1994]

Naldrett, Anthony J. see Brugmann, G. E. 81(3-4) 223-239: [1997]

Namba, Keiko see Hiroi, Yoshikuni 66(1-4) 245-263: [1994]

Nance, R. D., Murphy, J. B., Strachan, R. A., D'Lemos, R. S. and Taylor, G. K. Late Proterozoic tectonostratigraphic evolution of the Avalonian and Cadomian terranes 53(1-2) 41-78: [1991]

Napier, R. see Kamber, B. S. 70(3-4) 191-213: [1995]

Naqvi, S. M. see Kumar, S. 57(1-2) 165-168: [1992]

Naqvi, S. M. see Bhaskar Rao, Y. J. 59(1-2) 145-170: [1992]

Naqvi, S. M. see Manikyamba, C. 61(1-2) 137-164: [1993]

Naqvi, S. M. see Bhaskar Rao, Y. J. 68(1-2) 175-178: [1994]

Naqvi, S. M. see Arora, M. 70(1-2) 93-112: [1994]

Naqvi, S. M. see Manikyamba, C. 72(1-2) 69-95: [1995]

Naqvi, S. M. see Manikyamba, C. 84(3-4) 117-138: [1997]

Narbonne, Guy M. and Aitken, James D. Neoproterozoic of the Mackenzie Mountains, northwestern Canada 73(1-4) 101-121: [1995]

Natarajan, M., Bhaskar Rao, B., Parthasarathy, R., Kumar, Anil and Gopalan, K. 2.0 Ga old pyroxenite-carbonatite complex of Hogenakal, Tamil Nadu, South India 65(1-4) 167-181: [1994]

Navez, J. see Liegeois, J. P. 67(1-2) 59-88: [1994]

Navon, Oded see Kessel, Ronit 92(2) 195-213: [1998]

Nedelec, A., Minyem, D. and Barbey, P. High-P–high-T anatexis of Archaean tonalitic grey gneisses; the Eseka migmatites, Cameroon 62(3) 191-205: [1993]

Nelson, Arthur E. see Aleinikoff, John N. 99(1-2) 113-146: [2000]

Nelson, D. R., Trendall, A. F., de Laeter, J. R., Grobler, N. J. and Fletcher, I. R. A comparative study of the geochemical and isotopic systematics of late Archaean flood basalts from the Pilbara and Kaapvaal cratons 54(2-4) 231-256: [1992]

Nelson, D. R. Evolution of the Archaean granite-greenstone terranes of the Eastern Goldfields, Western Australia: SHRIMP U-Pb zircon constraints 83(1-3) 57-81: [1997]

Nelson, D. R. see Swager, C. P. 83(1-3) 203-219: [1997]

Nelson, D. R. see Smithies, R. H. 94(1-2) 11-28: [1999]

Nelson, D. R., Trendall, A. F. and Altermann, Wladyslaw Chronological correlations between the Pilbara and Kaapvaal cratons 97(3-4) 165-189: [1999]

Nemchin, A. see Jahn, B. M. 91(3-4) 333-363: [1998]

Nemchin, A. A. see Neymark, L. A. 62(4) 453-472: [1993]

Nemchin, A. A., Pidgeon, R. T. and Wilde, S. A. Timing of late Archaean granulite facies metamorphism in the southwestern Yilgarn Craton of Western Australia: evidence from U-Pb ages of zircons from mafic granulites 68(3-4) 307-321: [1994]

Nemchin, A. A. see Seth, B. 92(4) 341-363: [1998]

Nemchin, A. A. see Kroner, A. 93(4) 299-337: [1999]

Nemchin, A. A. and Pidgeon, R. T. U-Pb ages on titanite and apatite from the Darling Range granite: implications for late Archaean history of the southwestern Yilgarn Craton 96(1-2) 125-139: [1999]

Neogi, S., Miura, H. and Hariya, Y. Geochemistry of the Dongargarh volcanic rocks, central India: implications for the Precambrian mantle 76(1-2) 77-91: [1996]

Neogi, S. see Asthana, Deepanker 84(1-2) 105-111: [1997]

Nesbitt, H. W. see Fedo, C. M. 84(1-2) 17-36: [1997]

Nesbitt, H. Wayne see Fedo, Christopher M. 86(3-4) 201-223: [1997]

Neumayr, P., Ridley, John R., McNaughton, N. J., Kinny, Peter D., Barley, M. E. and Groves, D. I. Timing of gold mineralization in the Mt York District, Pilgangoora greenstone belt, and implications for the tectonic and metamorphic evolution of an area linking the western and eastern Pilbara Craton 88(1-4) 249-265: [1998]

Neves, S. P., Vauchez, A. and Feraud, G. Tectono-thermal evolution, magma emplacement, and shear zone development in the Caruaru area (Borborema Province, NE Brazil) 99(1-2) 1-32: [2000]

Newton, R. C. see Baker, Judy 55(1-4) 327-336: [1992]

Newton, R. C., Aranovich, L. Ya., Hansen, E. C. and Vandenheuvel, B. A. Hypersaline fluids in Precambrian deep-crustal metamorphism 91(1-2) 41-63: [1998]

Newton, Robert C. An overview of charnockite 55(1-4) 399-405: [1992]

Neymark, L. A., Kovach, V. P., Nemchin, A. A., Morozova, I. M., Kotov, A. B., Vinogradov, D. P., Gorokhovsky, B. M., Ovchinnikova, G. V., Bogomolova, L. M. and Smelov, A. P. Late Archaean intrusive complexes in the Olekma granite–greenstone terrain (eastern Siberia): geochemical and isotopic study 62(4) 453-472: [1993]

Nichols, Geoff T. see van Gool, Jeroen A. M. 93(1) 71-85: [1999]

Nicholson, S. W., Cannon, W. F. and Schulz, K. J. Metallogeny of the Midcontinent Rift System of North America 58(1-4) 355-386: [1992]

Nieto, F. see Lopez Munguira, A. 53(3-4) 267-279: [1991]

Nijman, Wouter, de Bruijne, Karen C. H. and Valkering, Mariëlle E. Growth fault control of early Archaean cherts, barite mounds and chert-barite veins, North Pole Dome, eastern Pilbara, Western Australia 88(1-4) 25-52: [1998]

Nijman, Wouter, Willigers, Bart J. A. and Krikke, Albert Tensile and compressive growth structures; relationships between sedimentation, deformation and granite intrusion in the Archaean Coppin Gap greenstone belt, eastern Pilbara, Western Australia 88(1-4) 83-108: [1998]

Nijman, Wouter, Willigers, Bart J. A. and Krikke, Albert Tensile and compressive growth structures; relationships between sedimentation, deformation and granite intrusion in the Archaean Coppin Gap greenstone belt, eastern Pilbara, Western Australia [erratum] 95(3-4) 275, 277-302: [1999]

Nilson, Ariplinio A. see Ferreira Filho, Cesar F. 59(1-2) 125-143: [1992]

Nironen, Mikko The Svecofennian Orogen; a tectonic model 86(1-2) 21-44: [1997]

Nisca, D. H. see Ohlander, Bjorn 64(1-4) 67-84: [1993]

Nisca, Dan H. see Romer, Rolf L. 75(1-2) 17-29: [1995]

Noblett, J. see Smith, D. R. 98(3-4) 271-305: [1999]

Noce, Carlos Mauricio see Teixeira, Wilson 78(1-3) 151-164: [1996]

Norman, Anthony R. see Dirks, Paul H. G. M. 59(3-4) 225-241: [1992]

Norman, Anthony R. see Ansdell, Kevin M. 72(1-2) 147-167: [1995]

Noto, R. C. see Dilliard, K. A. 97(1-2) 115-134: [1999]

Nunoo, E. A. see Davis, D. W. 67(1-2) 89-107: [1994]

Nutman, A. P., Chernyshev, I. V., Baadsgaard, H. and Smelov, A. P. The Aldan Shield of Siberia, USSR; the age of its Archaean components and evidence for widespread reworking in the mid-Proterozoic 54(2-4) 195-210: [1992]

Nutman, A. P. (editor) see Kroner, A. 78(1-3) 1-196: [1996]

Nutman, A. P. see Samsonov, A. V. 78(1-3) 65-78: [1996]

Nutman, A. P. see Kalsbeek, Feiko 91(3-4) 383-399: [1998]

Nutman, A. P. see Stevens, B. P. J. 98(1-2) 1-10: [1999]

Nutman, Allen P., Kinny, Peter D., Compston, William and Williams, Ian S. SHRIMP U-Pb zircon geochronology of the Narryer gneiss complex, Western Australia 52(3-4) 275-300: [1991]

Nutman, Allen P. see Kalsbeek, Feiko 63(1-2) 163-178: [1993]

Nutman, Allen P. and Cordani, Umberto G. SHRIMP U-Pb zircon geochronology of Archaean granitoids from the Contendas-Mirante area of the Sao Francisco Craton, Bahia, Brazil 63(3-4) 179-188: [1993]

Nutman, Allen P., McGregor, Victor R., Friend, Clark R. L., Bennett, Victoria C. and Kinny, Peter D. The Itsaq gneiss complex of southern West Greenland; the world's most extensive record of early crustal evolution (3900-3600 Ma) 78(1-3) 1-39: [1996]

Nutman, Allen P. see Mueller, Paul A. 78(1-3) 41-52: [1996]

Nutman, Allen P. see Song Biao 78(1-3) 79-94: [1996]

Nutman, Allen P. see Kinny, Peter D. 78(1-3) 165-178: [1996]

Nutman, Allen P. and Ehlers, Karin Evidence for multiple Palaeoproterozoic thermal events and magmatism adjacent to the Broken Hill Pb-Zn-Ag orebody, Australia 90(3-4) 203-238: [1998]

Nutman, Allen P. see Mueller, Paul A. 91(3-4) 295-307: [1998]

Nutman, Allen P. see Whitehouse, Martin J. 91(3-4) 365-381: [1998]

Nutman, Allen P., Kalsbeek, Feiko, Marker, Mogens, van Gool, Jeroen A. M. and Bridgwater, David U-Pb zircon ages of Kangamiut dykes and detrital zircons in metasediments in the Palaeoproterozoic Nagssugtoqidian Orogen (West Greenland); clues to the pre-collisional history of the orogen 93(1) 87-104: [1999]

Nykanen, Vesa M., Vuollo, Jouni I., Liipo, Jussi P. and Piirainen, Tauno A. Transitional (2.1 Ga) Fe-tholeiitic–tholeiitic magmatism in the Fennoscandian Shield signifying lithospheric thinning during Palaeoproterozoic extensional tectonics 70(1-2) 45-65: [1994]

Nyman, Matthew W. and Karlstrom, Karl E. Pluton emplacement processes and tectonic setting of the 1.42 Ga Signal Batholith, SW USA; important role of crustal anisotropy during regional shortening 82(3-4) 237-263: [1997]

Nyobe, J. B. see Toteu, S. F. 67(3-4) 321-347: [1994]

Oberli, Felix see Johansson, Ake 64(1-4) 361-388: [1993]

Oberthur, Thomas, Vetter, Ulrich, Davis, Donald W. and Amanor, Joe A. Age constraints on gold mineralization and Paleoproterozoic crustal evolution in the Ashanti Belt of southern Ghana 89(3-4) 129-143: [1998]

O'Brien, Sean J. see Dec, Tomasz 59(3-4) 243-262: [1992]

Occhipinti, S. A. see Pirajno, F. 90(3-4) 119-140: [1998]

Occhipinti, S. A., Swager, C. P. and Pirajno, F. Structural-metamorphic evolution of the Palaeoproterozoic Bryah and Padbury groups during the Capricorn Orogeny, Western Australia 90(3-4) 141-158: [1998]

Ochoa-Camarillo, H. see Lawlor, P. J. 94(1-2) 73-99: [1999]

Oden, Karen L. see Rusin, Patricia A. 61(3-4) 231-240: [1993]

Odin, G. S. (reviewer) Absolute age determination; physical and chemical dating methods and their application [book review] 54(2-4) 323: [1992]

Offler, R. see Landenberger, B. 71(1-4) 251-263: [1995]

Ogo, Yoshie see Hiroi, Yoshikuni 66(1-4) 245-263: [1994]

Ohlander, Bjorn, Skiold, T., Elming, S. A., Claesson, S. and Nisca, D. H. Delineation and character of the Archaean-Proterozoic boundary in northern Sweden 64(1-4) 67-84: [1993]

Ohlander, Bjorn see Skiold, Torbjorn 64(1-4) 225-238: [1993]

Ohlander, Bjorn, Mellqvist, C. and Skiold, T. Sm-Nd isotope evidence of a collisional event in the Precambrian of northern Sweden 93(1) 105-117: [1999]

Ohlander, Bjorn see Mellqvist, C. 96(3-4) 225-243: [1999]

Ohmoto, Hiroshi see Kakegawa, Takeshi 96(3-4) 209-224: [1999]

Ohta, Yoshihide see Gee, David G. 70(3-4) 215-234: [1995]

Okrusch, M. see Seth, B. 92(4) 341-363: [1998]

Oliver, Robin see Flottmann, Thomas 69(1-4) 293-306: [1994]

Onstott, Tullis C. (editor) Special volume; Proterozoic paleomagnetism and paleogeography 69(1-4) 1-344: [1994]

Oreskes, Naomi see Hitzman, Murray W. 58(1-4) 241-287: [1992]

Orrell, S. E., Bickford, M. E. and Lewry, J. F. Crustal evolution and age of thermotectonic reworking in the western hinterland of the Trans-Hudson Orogen, northern Saskatchewan 95(3-4) 187-223: [1999]

Ortega-Gutierrez, F. see Lawlor, P. J. 94(1-2) 73-99: [1999]

Ouyang Jiangping see Gao Shan 80(1-2) 23-48: [1996]

Ovchinnikova, G. V. see Neymark, L. A. 62(4) 453-472: [1993]

Ovchinnikova, G. V. see Moskovchenko, N. I. 62(4) 473-491: [1993]

Owen, J. V. see Wasteneys, H. A. 81(1-2) 101-128: [1997]

Pabst, Mark see Fairchild, Thomas R. 80(1-2) 125-152: [1996]

Padgham, W. A. Mineral deposits in the Archean Slave structural province; lithological and tectonic setting 58(1-4) 1-24: [1992]

Padgham, W. A. see Corcoran, P. L. 94(3-4) 175-204: [1999]

Padma Kumari, V. M. see Kumar, Anil 62(3) 227-237: [1993]

Page, Laurence M., Moller, Charlotte and Johansson, Leif $^{40}Ar/^{39}Ar$ geochronology across the Mylonite Zone and the Southwestern Granulite Province in the Sveconorwegian Orogen of S Sweden 79(3-4) 239-259: [1996]

Page, R. W. see Young, D. N. 71(1-4) 45-68: [1995]

Page, R. W. see Rawlings, D. J. 94(3-4) 225-250: [1999]

Page, R. W. see Tyler, I. M. 95(3-4) 225-243: [1999]

Page, Rodney W. see Connors, Karen A. 71(1-4) 131-153: [1995]

Palmer, H. C. see Gala, M. G. 90(1-2) 85-101: [1998]

Palmer, M. R. see Peng, Q. M. 72(3-4) 185-197: [1995]

Pan, Yuanming, Fleet, Michael E. and Stone, William E. Geochemistry of metasedimentary rocks in the late Archean Hemlo-Heron Bay greenstone belt, Superior Province, Ontario; implications for provenance and tectonic setting 52(1-2) 53-69: [1991]

Pan, Yuanming and Fleet, Michael E. Geochemistry and origin of cordierite-orthoamphibole gneiss and associated rocks at an Archaean volcanogenic massive sulphide camp; Manitouwadge, Ontario, Canada 74(1-2) 73-89: [1995]

Pan, Yuanming, Fleet, Michael E. and Heaman, Larry M. Thermo-tectonic evolution of an Archean accretionary complex: U-Pb geochronological constraints on granulites from the Quetico Subprovince, Ontario, Canada 92(2) 117-128: [1998]

Panahi, Alireza and Young, Grant M. A geochemical investigation into the provenance of the Neoproterozoic Port Askaig Tillite, Dalradian Supergroup, western Scotland 85(1-2) 81-96: [1997]

Pande, Kanchan see Bhat, M. I. 87(3-4) 217-231: [1998]

Pandey, B. K., Gupta, J. N., Sarma, K. J. and Sastry, C. A. Sm-Nd, Pb-Pb and Rb-Sr geochronology and petrogenesis of the mafic dyke swarm of Mahbubnagar, South India; implications for Paleoproterozoic crustal evolution of the Eastern Dharwar Craton 84(3-4) 181-196: [1997]

Pankka, Heikki S. and Vanhanen, Erkki J. Early Proterozoic Au-Co-U mineralization in the Kuusamo District, northeastern Finland 58(1-4) 387-400: [1992]

Pant, D. R. see Biswal, T. K. 87(1-2) 75-85: [1998]

Pantulu, G. V. C. see Bhaskar Rao, Y. J. 59(1-2) 145-170: [1992]

Pantulu, G. V. C. see Bhaskar Rao, Y. J. 68(1-2) 175-178: [1994]

Park, John K. and Jefferson, Charles W. Magnetic and tectonic history of the late Proterozoic upper Little Dal and Coates Lake groups of northwestern Canada 52(1-2) 1-35: [1991]

Park, John K. Palaeomagnetic constraints on the position of Laurentia from middle Neoproterozoic to Early Cambrian times 69(1-4) 95-112: [1994]

Park, Kye-Hun see Lee, Kwang-Sik 89(1-2) 47-57: [1998]

Park, R. G. Early Proterozoic tectonic overview of the northern British Isles and neighbouring terrains in Laurentia and Baltica 68(1-2) 65-79: [1994]

Parthasarathy, R. see Natarajan, M. 65(1-4) 167-181: [1994]

Parthasarathy, R. see Biswal, T. K. 87(1-2) 75-85: [1998]

Passchier, C. W. (editor) see Dirks, P. H. G. M. 75(3-4) 119-277: [1995]

Passchier, C. W. see Zegers, T. E. 88(1-4) 233-247: [1998]

Passchier, Cees W. see Zhang Jiasheng 67(1-2) 37-57: [1994]

Passchier, Cees W. Structural geology across a proposed Archaean terrane boundary in the eastern Yilgarn Craton, Western Australia 68(1-2) 43-64: [1994]

Patel, Jay see Meert, Joseph G. 69(1-4) 113-131: [1994]

Patterson, P. E. see Larson, E. E. 65(1-4) 255-276: [1994]

Pattison, D. R. M. see Iyer, S. S. 77(1-2) 23-40: [1996]

Paul, D. K. see Sarkar, G. 62(1-2) 127-137: [1993]

Paul, D. K. see Sengupta, S. 77(1-2) 17-22: [1996]

Pauls, N. D. see Hattingh, P. J. 69(1-4) 229-240: [1994]

Payolla, B. L. see Bettencourt, J. S. 95(1-2) 41-67: [1999]

Pedersen, S. see Kalsbeek, Feiko 62(3) 239-270: [1993]

Penaye, J. see Toteu, S. F. 67(3-4) 321-347: [1994]

Peng, Q. M. and Palmer, M. R. The Palaeoproterozoic boron deposits in eastern Liaoning, China; a metamorphosed evaporite 72(3-4) 185-197: [1995]

Percival, John A. see Stern, Richard A. 65(1-4) 115-153: [1994]

Percival, John A. (editor) and Ludden, John N. (editor) Earth's evolution through the Precambrian 91(1-2) 1-226: [1998]

Perdahl, Jan-Anders and Frietsch, Rudyard Petrochemical and petrological characteristics of 1.9 Ga old volcanics in northern Sweden 64(1-4) 239-252: [1993]

Perdahl, Jan-Anders see Billstrom, Kjell 81(1-2) 83-99: [1997]

Perring, C. S. see Cassidy, K. F. 51(1-4) 51-83: [1991]

Perring, Caroline S., Groves, David I., Shellabear, Jonathan N. and Hallberg, Jack A. The "porphyry-gold" association in the Norseman-Wiluna Belt of Western Australia; implications for models of Archaean gold metallogeny 51(1-4) 85-113: [1991]

Perring, Caroline S. and Rock, Nicholas M. S. Relationships between calc-alkaline acidic and basic (mantle-derived) magmas in late Archaean composite dykes, Kambalda Goldfield, Western Australia 52(3-4) 245-273: [1991]

Persson, A. I. Absolute (U-Pb) and relative age determinations of intrusive rocks in the Ragunda rapakivi complex, central Sweden 95(1-2) 109-127: [1999]

Persson, Per-Olof see Ahall, Karl-Inge 70(3-4) 235-251: [1995]

Persson, Per-Olof, Lindh, Anders, Schöberg, Hans, Hansen, Bent T. and Lagerblad, Bjorn A comparison of the geochronology and geochemistry of plagioclase-dominated granitoids across a major terrane boundary in the SW Baltic Shield 74(1-2) 57-72: [1995]

Persson, Per-Olof see Soderlund, Ulf 94(1-2) 29-48: [1999]

Pesonen, L. J. see Mertanen, S. 69(1-4) 25-50: [1994]

Pesonen, L. J. see Mertanen, S. 98(3-4) 197-221: [1999]

Petrini, Riccardo see Mazzucchelli, Maurizio 74(3) 177-194: [1995]

Petrov, P. Yu. see Sergeev, V. N. 85(3-4) 201-239: [1997]

Peucat, J. J. see Haddoum, H. 65(1-4) 155-166: [1994]

Peucat, J. J. see Martin, H. 82(1-2) 35-62: [1997]

Peucat, J. J. see Doumbia, S. 87(1-2) 33-63: [1998]

Peucat, J. J. see Potrel, A. 90(3-4) 107-117: [1998]

Peucat, J. J., Ménot, R. P., Monnier, O. and Fanning, C. M. The Terre Adélie basement in the East-Antarctica Shield; geological and isotopic evidence for a major 1.7 Ga thermal event; comparison with the Gawler Craton in South Australia 94(3-4) 205-224: [1999]

Peucat, J. J. see Jayananda, M. 99(3-4) 225-254: [2000]

Peucat, Jean-Jacques see Bossiere, Gerard 80(3-4) 153-172: [1996]

Peucat, Jean-Jacques see Kouamelan, Alain N. 86(3-4) 177-199: [1997]

Philippe, S. see Machado, N. 63(3-4) 211-223: [1993]

Piccirillo, Enzo Michele see Mazzucchelli, Maurizio 74(3) 177-194: [1995]

Pickard, A. L. see Barley, M. E. 96(1-2) 41-62: [1999]

Pidgeon, R. see Jahn, B. M. 91(3-4) 333-363: [1998]

Pidgeon, R. T. see Horwitz, R. C. 60(1-4) 175-183: [1993]

Pidgeon, R. T. see Nemchin, A. A. 68(3-4) 307-321: [1994]

Pidgeon, R. T. and Wilde, S. A. The interpretation of complex zircon U-Pb systems in Archaean granitoids and gneisses from the Jack Hills, Narryer gneiss terrane, Western Australia 91(3-4) 309-332: [1998]

Pidgeon, R. T. see Seth, B. 92(4) 341-363: [1998]

Pidgeon, R. T. see Kroner, A. 93(4) 299-337: [1999]

Pidgeon, R. T. see Nemchin, A. A. 96(1-2) 125-139: [1999]

Piirainen, Tauno A. see Nykanen, Vesa M. 70(1-2) 45-65: [1994]

Pimentel, Marcio M., Heaman, Larry M., Fuck, Reinhardt A. and Marini, Onildo J. U-Pb zircon geochronology of Precambrian tin-bearing continental-type acid magmatism in central Brazil 52(3-4) 321-335: [1991]

Pimentel, Marcio M., Fuck, Reinhardt A. and Souza de Alvarenga, Carlos Jose Post-Brasiliano (Pan-African) high-K granitic magmatism in central Brazil; the role of late Precambrian–early Palaeozoic extension 80(3-4) 217-238: [1996]

Pimentel, Marcio M., Whitehouse, Martin J., Viana, Maria das G., Fuck, Reinhardt A. and Machado, Nuno The Mara Rosa Arc in the Tocantins Province; further evidence for Neoproterozoic crustal accretion in central Brazil 81(3-4) 299-310: [1997]

Pinna, P., Jourde, G., Calvez, J. Y., Mroz, J. P. and Marques, J. M. The Mozambique Belt in northern Mozambique; Neoproterozoic (1100-850 Ma) crustal growth and tectogenesis, and superimposed Pan-African (800-550 Ma) tectonism 62(1-2) 1-59: [1993]

Piper, David P. see Eriksson, Patrick G. 78(4) 273-287: [1996]

Piper, J. D. A. The palaeomagnetism of major (middle Proterozoic) igneous complexes, South Greenland and the Gardar apparent polar wander track 54(2-4) 153-172: [1992]

Piper, J. D. A. Palaeomagnetism of the Mesoproterozoic Gronnedal-Ika alkaline complex, Southwest Greenland 69(1-4) 51-60: [1994]

Piper, J. D. A. see Das, Ashis K. 80(3-4) 193-204: [1996]

Piper, J. D. A. see Zhang Qi Rui 85(3-4) 173-199: [1997]

Piper, J. D. A. see Li, Z. X. 94(1-2) 1-10: [1999]

Pirajno, F., Occhipinti, S. A. and Swager, C. P. Geology and tectonic evolution of the Palaeoproterozoic Bryah, Padbury and Yerrida basins (formerly Glengarry Basin), Western Australia: implications for the history of the south-central Capricorn Orogen 90(3-4) 119-140: [1998]

Pirajno, F. see Occhipinti, S. A. 90(3-4) 141-158: [1998]

Pisarevsky, S. A. and Sokolov, S. J. Palaeomagnetism of the Palaeoproterozoic ultramafic intrusion near Lake Konchozero, southern Karelia, Russia 93(2-3) 201-213: [1999]

Plumb, K. A. see Idnurm, M. 72(1-2) 1-41: [1995]

Podkovyrov, V. N. see Sochava, A. V. 73(1-4) 283-289: [1995]

Pohl, J. see Prame, W. K. B. N. 66(1-4) 223-244: [1994]

Poidevin, Jean-Louis Boninite-like rocks from the Palaeoproterozoic greenstone belt of Bogoin, Central African Republic; geochemistry and petrogenesis 68(1-2) 97-113: [1994]

Polat, Ali, Kerrich, Robert and Wyman, Derek A. Geochemical diversity in oceanic komatiites and basalts from the late Archean Wawa greenstone belts, Superior Province, Canada: trace element and Nd isotope evidence for a heterogeneous mantle 94(3-4) 139-173: [1999]

Pons, J., Barbey, P., Dupuis, D. and Léger, J. M. Mechanisms of pluton emplacement and structural evolution of a 2.1 Ga juvenile continental crust; the Birimian of southwestern Niger 70(3-4) 281-301: [1995]

Pophare, Anil M. see Asthana, Deepanker 84(1-2) 105-111: [1997]

Potin, B. see Bertrand-Sarfati, J. 65(1-4) 341-356: [1994]

Potrel, A., Peucat, J. J. and Fanning, C. M. Archean crustal evolution of the West African Craton; example of the Amsaga area (Reguibat Rise); U-Pb and Sm-Nd evidence for crustal growth and recycling 90(3-4) 107-117: [1998]

Pouclet, A. see Doumbia, S. 87(1-2) 33-63: [1998]

Poujol, M., Robb, L. J. and Respaut, J. P. U-Pb and Pb-Pb isotopic studies relating to the origin of gold mineralization in the Evander Goldfield, Witwatersrand Basin, South Africa 95(3-4) 167-185: [1999]

Poulsen, K. H., Card, K. D. and Franklin, J. M. Archean tectonic and metallogenic evolution of the Superior Province of the Canadian Shield 58(1-4) 25-54: [1992]

Powell, C. McA. see Li, Z. X. 94(1-2) 1-10: [1999]

Powell, C. McA. see Martin, D. McB. 99(1-2) 33-64: [2000]

Prame, W. K. B. N. and Pohl, J. Geochemistry of pelitic and psammopelitic Precambrian metasediments from southwestern Sri Lanka; implications for two contrasting source-terrains and tectonic settings 66(1-4) 223-244: [1994]

Pratt, L. M. see Hieshima, G. B. 54(1) 65-79: [1991]

Preiss, W. V. The Adelaide Geosyncline of South Australia and its significance in Neoproterozoic continental reconstruction 100(1-3) 21-63: [2000]

Pretorius, S. see Roering, Chris 55(1-4) 539-552: [1992]

Puchtel, I. S., Zhuravlev, D. Z., Samsonov, A. V. and Arndt, N. T. Petrology and geochemistry of metamorphosed komatiites and basalts from the Tungurcha greenstone belt, Aldan Shield 62(4) 399-417: [1993]

Puffer, John H. and Volkert, Richard A. Generation of trondhjemite from partial melting of dacite under granulite facies conditions; an example from the New Jersey Highlands, USA 51(1-4) 115-125: [1991]

Pulvertaft, T. C. R. see Kalsbeek, Feiko 91(3-4) 383-399: [1998]

Punzalan, Lea see Bingen, Bernard 90(3-4) 159-185: [1998]

Punzalan, Lea see Boven, Ariel 93(1) 119-137: [1999]

Pupin, Jean-Pierre see Bossiere, Gerard 80(3-4) 153-172: [1996]

Puura, V. and Huhma, Hannu Palaeoproterozoic age of the East Baltic granulitic crust 64(1-4) 289-294: [1993]

Pyle, David M. see Chalapathi Rao, N. V. 79(3-4) 363-369: [1996]

Qi Rui Zhang Geological models of ice keel scours, with an early Sinian example 59(3-4) 315-323: [1992]

Qi Rui Zhang see Li, Z. X. 94(1-2) 1-10: [1999]

Qian Xianglin see Condie, Kent C. 59(3-4) 207-223: [1992]

Quick, James E. Late Proterozoic transpression on the Nabitah fault system; implications for the assembly of the Arabian Shield 53(1-2) 119-147: [1991]

Raase, P. and Schenk, V. Petrology of granulite-facies metapelites of the Highland Complex, Sri Lanka; implications for the metamorphic zonation and the P–T path 66(1-4) 265-294: [1994]

Radhakrishna, T. and Joseph, M. Proterozoic palaeomagnetism of the mafic dyke swarms in the high-grade region of southern India 76(1-2) 31-46: [1996]

Radhakrishna, T. and Mathew, J. Late Precambrian (850-800 Ma) palaeomagnetic pole for the South Indian Shield from the Harohalli alkaline dykes; geotectonic implications for Gondwana reconstructions 80(1-2) 77-87: [1996]

Raiswell, R. see Jackson, M. J. 54(1) 81-108: [1991]

Raith, J. G. Petrogenesis of the Concordia Granite Gneiss and its relation to W-Mo mineralization in western Namaqualand, South Africa 70(3-4) 303-335: [1995]

Raith, M. (editor) and Hoernes, S. (editor) Tectonic, metamorphic and isotopic evolution of deep crustal rocks, with special emphasis on Sri Lanka 66(1-4) 1-409: [1994]

Raith, Michael M., Srikantappa, C., Buhl, Dieter and Koehler, Hermann The Nilgiri enderbites, South India; nature and age constraints on protolith formation, high-grade metamorphism and cooling history 98(1-2) 129-150: [1999]

Ralser, Steven see Heizler, Matthew T. 84(1-2) 1-15: [1997]

Ramesh, S. L. see Manikyamba, C. 84(3-4) 117-138: [1997]

Ramo, O. Tapani see Vaasjoki, Matti 51(1-4) 227-243: [1991]

Ramo, O. Tapani, Huhma, Hannu and Kirs, Juho Radiogenic isotopes of the Estonian and Latvian rapakivi granite suites; new data from the concealed Precambrian of the East European Craton 79(3-4) 209-226: [1996]

Ramo, O. Tapani see Haapala, Ilmari 95(1-2) 1-7: [1999]

Ramo, O. Tapani (editor) see Haapala, Ilmari 95(1-2) 1-167: [1999]

Ramo, O. Tapani see Alviola, R. 95(1-2) 89-107: [1999]

Rao, M. B. S. V. see Mishra, D. C. 99(3-4) 149-169: [2000]

Raposo, M. I. B. and d'Agrella Filho, M. S. Magnetic fabrics of dike swarms from SE Bahia State, Brazil; their significance and implications for Mesoproterozoic basic magmatism in the Sao Francisco Craton 99(3-4) 309-325: [2000]

Rapp, R. P., Watson, E. B. and Miller, C. F. Partial melting of amphibolite/eclogite and the origin of Archean trondhjemites and tonalites 51(1-4) 1-25: [1991]

Rashwan, A. A. see Kroner, A. 59(1-2) 15-32: [1992]

Rattenbury, M. S. see Swager, C. P. 83(1-3) 43-56: [1997]

Ravindra Kumar, G. R. see Chacko, Thomas 55(1-4) 469-489: [1992]

Rawlings, D. J. and Page, R. W. Geology, geochronology and emplacement structures associated with the Jimbu Microgranite, McArthur Basin, Northern Territory 94(3-4) 225-250: [1999]

Ray, S. see Mishra, S. 93(2-3) 139-151: [1999]

Reczko, B. F. F. see Eriksson, Patrick G. 81(1-2) 145-149: [1997]

Reczko, Boris F. F. see Eriksson, Patrick G. 78(4) 273-287: [1996]

Reddy, G. L. N. see Manikyamba, C. 84(3-4) 117-138: [1997]

Reed, John C., Jr. see Aleinikoff, John N. 63(1-2) 97-122: [1993]

Reimold, Wolf Uwe see Koeberl, Christian 74(1-2) 1-33: [1995]

Reischmann, T. see Kroner, A. 53(1-2) 99-118: [1991]

Reischmann, T. see Brugmann, G. E. 81(3-4) 223-239: [1997]

Renne, Paul R. see Teixeira, Wilson 93(2-3) 153-180: [1999]

Respaut, J. P. see Poujol, M. 95(3-4) 167-185: [1999]

Retallack, Gregory J. and Krinsley, David H. Metamorphic alteration of a Precambrian (2.2 Ga) Paleosol from South Africa revealed by backscattered electron imaging 63(1-2) 27-41: [1993]

Retief, E. A. see Armstrong, R. A. 53(3-4) 243-266: [1991]

Retief, E. A. see Thomas, R. J. 62(1-2) 83-101: [1993]

Rex, D. C. see Cliff, R. A. 91(3-4) 401-418: [1998]

Riding, Robert and Sharma, Mukund Late Palaeoproterozoic (~1800-1600Ma) stromatolites, Cuddapah Basin, southern India; cyanobacterial or other bacterial microfabrics? 92(1) 21-35: [1998]

Ridley, John R. see Tsunogae, T. 55(1-4) 259-277: [1992]

Ridley, John R. On the origins and tectonic significance of the charnockite suite of the Archaean Limpopo Belt, northern marginal zone, Zimbabwe 55(1-4) 407-427: [1992]

Ridley, John R. see Bloem, Erik J. M. 85(3-4) 147-171: [1997]

Ridley, John R. see Neumayr, P. 88(1-4) 249-265: [1998]

Rigali, Mark see Krinsley, David 61(3-4) 191-207: [1993]

Riller, Ulrich, Schwerdtner, W. M., Halls, H. C. and Card, K. D. Transpressive tectonism in the eastern Penokean Orogen, Canada; consequences for Proterozoic crustal kinematics and continental fragmentation 93(1) 51-70: [1999]

Ring, Uwe Aspects of the kinematic history and mechanisms of superposition of the Proterozoic mobile belts of eastern Central Africa (northern Malawi and southern Tanzania) 62(3) 207-226: [1993]

Ring, Uwe, Kröner, Alfred and Toulkeridis, Theofilos Palaeoproterozoic granulite-facies metamorphism and granitoid intrusions in the Ubendian–Usagaran Orogen of northern Malawi, east-central Africa 85(1-2) 27-51: [1997]

Rivalenti, Giorgio see Mazzucchelli, Maurizio 74(3) 177-194: [1995]

Rivers, T. see Corrigan, D. 99(1-2) 65-90: [2000]

Rivers, Toby Lithotectonic elements of the Grenville Province; review and tectonic implications 86(3-4) 117-154: [1997]

Roback, Robert see Smith, Diane R. 85(1-2) 53-79: [1997]

Robb, L. J. see Poujol, M. 95(3-4) 167-185: [1999]

Robert, F. see Beaumont, V. 96(1-2) 63-82: [1999]

Robert, J. P. see Cosi, M. 58(1-4) 215-240: [1992]

Rochette, P. see Benn, K. 63(1-2) 59-81: [1993]

Rock, Nicholas M. S. see Perring, Caroline S. 52(3-4) 245-273: [1991]

Rodhe, Agnes see Andreasson, Per-Gunnar 78(4) 289-291: [1996]

Roering, Chris see van Reenen, Dirk D. 55(1-4) 1-5: [1992]

Roering, Chris (editor) see van Reenen, Dirk D. 55(1-4) 1-587: [1992]

Roering, Chris and Ashwal, Lewis D. Structural geology of high-grade terranes; status and prospects 55(1-4) 47-49: [1992]

Roering, Chris see Smit, C. A. 55(1-4) 51-67: [1992]

Roering, Chris, van Reenen, Dirk D., de Wit, Maarten J., Smit, C. A., de Beer, J. H. and van Schalkwyk, J. F. Structural geological and metamorphic significance of the Kaapvaal Craton-Limpopo Belt contact 55(1-4) 69-80: [1992]

Roering, Chris see de Wit, Maarten J. 55(1-4) 111-122: [1992]

Roering, Chris, van Reenen, Dirk D., Smit, C. A., Barton, J. M., Jr., de Beer, J. H., de Wit, Maarten J., Stettler, E. H., van Schalkwyk, J. F., Stevens, G. and Pretorius, S. Tectonic model for the evolution of the Limpopo Belt 55(1-4) 539-552: [1992]

Roering, Chris see van Schalkwyk, Jackie F. 61(1-2) 67-88: [1993]

Rogers, John J. W. see Chacko, Thomas 55(1-4) 469-489: [1992]

Rollinson, H. R. and Lowry, D. Early basic magmatism in the evolution of the northern marginal zone of the Archean Limpopo Belt 55(1-4) 33-45: [1992]

Rollinson, H. R. see Kamber, B. S. 70(3-4) 191-213: [1995]

Romer, Rolf L. and Smeds, Sten-Anders Implications of U-Pb ages of columbite-tantalites from granitic pegmatites for the Palaeoproterozoic accretion of 1.90-1.85 Ga magmatic arcs to the Baltic Shield 67(1-2) 141-158: [1994]

Romer, Rolf L. and Nisca, Dan H. Svecofennian crustal deformation of the Baltic Shield and U-Pb age of late-kinematic tonalitic intrusions in the Burtrask shear zone, northern Sweden 75(1-2) 17-29: [1995]

Romer, Rolf L. and Smeds, Sten-Anders U-Pb columbite ages of pegmatites from Sveconorwegian terranes in southwestern Sweden 76(1-2) 15-30: [1996]

Romer, Rolf L. and Smeds, Sten-Anders U-Pb columbite chronology of post-kinematic Palaeoproterozoic pegmatites in Sweden 82(1-2) 85-99: [1997]

Roscoe, S. M. and Card, K. D. Early Proterozoic tectonics and metallogeny of the Lake Huron region of the Canadian Shield 58(1-4) 99-119: [1992]

Rosiere, Carlos A. see Chemale, Farid, Jr. 65(1-4) 25-54: [1994]

Ross, Gerald M., Bloch, John D. and Krouse, H. Roy Neoproterozoic strata of the southern Canadian Cordillera and the isotopic evolution of seawater sulfate 73(1-4) 71-99: [1995]

Rougvie, J. R., Carlson, W. D., Copeland, P. and Connelly, J. N. Late thermal evolution of Proterozoic rocks in the northeastern Llano Uplift, central Texas 94(1-2) 49-72: [1999]

Rozendaal, A., Gresse, P. G., Scheepers, R. and Le Roux, J. P. Neoproterozoic to Early Cambrian crustal evolution of the Pan-African Saldania Belt, South Africa 97(3-4) 303-323: [1999]

Rudnik, V. A. see Velikoslavinsky, S. D. 62(4) 507-525: [1993]

Rudnik, V. A. see Jahn, B. M. 91(3-4) 333-363: [1998]

Ruhlman, F. see Cosi, M. 58(1-4) 215-240: [1992]

Rusin, Patricia A., Sharp, James E., Oden, Karen L., Arnold, Robert G. and Sinclair, Norval A. Isolation and physiology of a manganese-reducing Bacillus polymyxa from an Oligocene silver-bearing ore and sediment with reference to Precambrian biogeochemistry 61(3-4) 231-240: [1993]

Russell, J., Chadwick, B., Krishna Rao, B. and Vasudev, V. N. Whole-rock Pb/Pb isotopic ages of late Archaean limestones, Karnataka, India 78(4) 261-272: [1996]

Ryan, Bruce Makhavinekh Lake Pluton, Labrador, Canada; geological setting, subdivisions, mode of emplacement, and a comparison with Finnish rapakivi granites 51(1-4) 193-225: [1991]

Ryan, Bruce Morphological features of multigeneration basic dykes near Nain, Labrador; clues to original emplacement mechanisms and subsequent deformation 75(1-2) 91-118: [1995]

Ryan, Bruce Morphological features of multigeneration basic dykes near Nain, Labrador; clues to original emplacement mechanisms and subsequent deformation [erratum] 78(4) 303: [1996]

Ryungenen, Genrich I. see Gee, David G. 70(3-4) 215-234: [1995]

Sabate, P. see Martin, H. 82(1-2) 35-62: [1997]

Sabate, P. see Ledru, Patrick 86(3-4) 155-176: [1997]

Sabate, Pierre see Conceicao, Herbet 51(1-4) 283-314: [1991]

Sadowski, G. R. see Campanha, G. A. da C. 98(1-2) 31-51: [1999]

Sadowski, Georg R. and Bettencourt, Jorge S. Mesoproterozoic tectonic correlations between eastern Laurentia and the western border of the Amazon Craton 76(3-4) 213-227: [1996]

Saffarini, G. A. see Jarrar, G. 56(1-2) 51-72: [1992]

Sage, Ron P., Lightfoot, P. C. and Doherty, W. Bimodal cyclical Archean basalts and rhyolites from the Michipicoten (Wawa) greenstone belt, Ontario; geochemical evidence for magma contributions from the asthenospheric mantle and ancient continental lithosphere near the southern margin of the Superior Province 76(3-4) 119-153: [1996]

Sage, Ron P., Lightfoot, Peter C. and Doherty, W. Geochemical characteristics of granitoid rocks from within the Archean Michipicoten greenstone belt, Wawa Subprovince, Superior Province, Canada; implications for source regions and tectonic evolution 76(3-4) 155-190: [1996]

Sage, Ron P. see Turek, A. 76(3-4) 191-211: [1996]

Saha, A. K. see Mishra, S. 93(2-3) 139-151: [1999]

Sakko, Matti see Vaasjoki, Matti 51(1-4) 227-243: [1991]

Saltoun, B. see Smith, D. R. 98(3-4) 271-305: [1999]

Sambasiva Rao, V. V., Sreenivas, B., Balaram, V., Govil, P. K. and Srinivasan, R. The nature of the Archean upper crust as revealed by the geochemistry of the Proterozoic shales of the Kaladgi Basin, Karnataka, southern India 98(1-2) 53-65: [1999]

Sami, T. T. see Whittaker, S. G. 90(3-4) 187-202: [1998]

Sampson, D. E. see Lawlor, P. J. 94(1-2) 73-99: [1999]

Samsonov, A. V. see Puchtel, I. S. 62(4) 399-417: [1993]

Samsonov, A. V., Chernyshev, I. V., Nutman, A. P. and Compston, W. Evolution of the Archaean Aulian gneiss complex, Middle Dnieper gneiss-greenstone terrain, Ukrainian Shield; SHRIMP U-Pb zircon evidence 78(1-3) 65-78: [1996]

Samuelsson, Joakim, Dawes, Peter R. and Vidal, Gonzalo Organic-walled microfossils from the Proterozoic Thule Supergroup, Northwest Greenland 96(1-2) 1-23: [1999]

Sandiford, Michael see Arnold, Jo 71(1-4) 183-205: [1995]

Sangster, A. L., Gauther, Michel and Gower, C. F. Metallogeny of structural zones, Grenville Province, northeastern North America 58(1-4) 401-426: [1992]

Santosh, M. see Yoshida, M. 66(1-4) 379-392: [1994]

Saquaque, A. see Naidoo, D. D. 53(1-2) 79-97: [1991]

Saquaque, A. see Leblanc, M. 62(3) 367-371: [1993]

Saquaque, Ali see Hefferan, Kevin Patrick 54(2-4) 295-319: [1992]

Sarkar, A. N. Geochemistry and tectonic significance of the Ongarbira metavolcanic rocks, Singhbhum District, India [discussion] 76(1-2) 115-116: [1996]

Sarkar, G., Corfu, F., Paul, D. K., McNaughton, N. J., Gupta, S. N. and Bishui, P. K. Early Archean crust in Bastar Craton, central India; a geochemical and isotopic study 62(1-2) 127-137: [1993]

Sarkar, S. see Eriksson, Patrick G. 97(3-4) 269-302: [1999]

Sarkar, S. C. see Munshi, R. L. 61(1-2) 165-168: [1993]

Sarkar, S. C., Chernyshev, I. V. and Banerjee, H. Mid-Proterozoic Pb-Pb ages for some Himalayan base-metal deposits and comparison to deposits in Rajasthan, NW India 99(3-4) 171-178: [2000]

Sarkar, Subir and Bose, Pradip K. Variations in late Proterozoic stromatolites over a transition from basin plain to nearshore subtidal zone 56(1-2) 139-157: [1992]

Sarkar, Subir see Bose, Pradip K. 84(1-2) 63-81: [1997]

Sarkinen, Marianne see Sundblad, Krister 82(1-2) 1-12: [1997]

Sarma, K. J. see Pandey, B. K. 84(3-4) 181-196: [1997]

Sassarini, Nick see Cullers, Robert L. 62(1-2) 139-169: [1993]

Sastry, C. A. see Pandey, B. K. 84(3-4) 181-196: [1997]

Sato, Kei see Teixeira, Wilson 78(1-3) 151-164: [1996]

Sawada, Y. see Tadesse, T. 96(1-2) 101-124: [1999]

Sawyer, E. W. and Barnes, Sarah-Jane Thrusting, magmatic intraplating, and metamorphic core complex development in the Archaean Belleterre-Angliers greenstone belt, Superior Province, Quebec, Canada 68(3-4) 183-200: [1994]

Saylor, Beverly Z., Grotzinger, John P. and Germs, Gerard J. B. Sequence stratigraphy and sedimentology of the Neoproterozoic Kuibis and Schwarzrand subgroups (Nama Group), southwestern Namibia 73(1-4) 153-171: [1995]

Schaller, Mirjam, Steiner, Oliver, Studer, Ivan, Holzer, Lorenz, Herwegh, Marco and Kramers, Jan D. Exhumation of Limpopo Central Zone granulites and dextral continent-scale transcurrent movement at 2.0 Ga along the Palala shear zone, Northern Province, South Africa 96(3-4) 263-288: [1999]

Schaltegger, U. see Davis, D. W. 67(1-2) 89-107: [1994]

Schandelmeier, Heinz see Worku, Hailu 77(3-4) 179-210: [1996]

Scharer, Urs see Gower, Charles F. 51(1-4) 315-336: [1991]

Scheepers, D. J. see Cornell, D. H. 59(1-2) 43-71: [1992]

Scheepers, R. see Rozendaal, A. 97(3-4) 303-323: [1999]

Schenk, V. see Raase, P. 66(1-4) 265-294: [1994]

Schidlowski, Manfred see Toulkeridis, Theofilos 92(2) 129-144: [1998]

Schiotte, L., Hansen, B. T., Shirey, S. B. and Bridgwater, D. Petrological and whole rock isotopic characteristics of tectonically juxtaposed Archaean gneisses in the Okak area of the Nain Province, Labrador; relevance for terrane models 63(3-4) 293-323: [1993]

Schiotte, Lasse and Campbell, Ian H. Chronology of the Mount Magnet granite-greenstone terrain, Yilgarn Craton, Western Australia; implications for field based predictions of the relative timing of granitoid emplacement 78(4) 237-260: [1996]

Schmidt, P. W. and Clark, D. A. Palaeomagnetism and magnetic anisotropy of Proterozoic banded-iron formations and iron ores of the Hamersley Basin, Western Australia 69(1-4) 133-155: [1994]

Schmidt, Phillip W. see Williams, George E. 79(3-4) 307-325: [1996]

Schoberg, H. see Sundblad, K. 64(1-4) 319-335: [1993]

Schoberg, Hans see Eliasson, Thomas 51(1-4) 337-350: [1991]

Schoberg, Hans see Persson, Per-Olof 74(1-2) 57-72: [1995]

Schoberg, Hans see Ahl, M. 95(1-2) 147-166: [1999]

Schopf, J. William see Altermann, Wladyslaw 75(1-2) 65-90: [1995]

Schopf, J. William see Fairchild, Thomas R. 80(1-2) 125-152: [1996]

Schubel, Kathryn A. see Simonson, Bruce M. 60(1-4) 287-335: [1993]

Schulz, K. J. see Nicholson, S. W. 58(1-4) 355-386: [1992]

Schulz, Klaus J. (editor) see Gaal, Gabor 58(1-4) 1-446: [1992]

Schumacher, R. and Faulhaber, S. Summary and discussion of P–T estimates from garnet–pyroxene–plagioclase–quartz-bearing granulite-facies rocks from Sri Lanka 66(1-4) 295-308: [1994]

Schussler, Ulrich, Bröcker, Michael, Henjes-Kunst, Friedhelm and Will, Thomas P-T-t evolution of the Wilson Terrane metamorphic basement at Oates Coast, Antarctica 93(2-3) 235-258: [1999]

Schutte, S. S. see Cornell, D. H. 79(1-2) 101-123: [1996]

Schwerdtner, W. M. see Riller, Ulrich 93(1) 51-70: [1999]

Scott, D. J. see Machado, N. 63(3-4) 211-223: [1993]

Scott, David J. and Machado, Nuno U-Pb geochronology of the northern Torngat Orogen, Labrador, Canada; a record of Palaeoproterozoic magmatism and deformation 70(3-4) 169-190: [1995]

Scott, David J. An overview of the U-Pb geochronology of the Paleoproterozoic Torngat Orogen, northeastern Canada 91(1-2) 91-107: [1998]

Scott, David J. U-Pb geochronology of the eastern Hall Peninsula, southern Baffin Island, Canada; a northern link between the Archean of West Greenland and the Paleoproterozoic Torngat Orogen of northern Labrador 93(1) 5-26: [1999]

Scott, David J. see St-Onge, M. R. 93(1) 27-49: [1999]

Sebastian Pardo, E. see Lopez Munguira, A. 53(3-4) 267-279: [1991]

Seccombe, P. K. see Bierlein, F. P. 79(3-4) 281-305: [1996]

Sedova, I. S., Krylov, D. P. and Glebovitsky, V. A. Ultrametamorphism within the amphibolite–granulite transition zone, upper Aldan River, Siberia 62(4) 431-451: [1993]

Sehested, K. see Draganic, I. G. 52(3-4) 337-345: [1991]

Seitz, H. M. see Hoek, J. D. 75(3-4) 121-139: [1995]

Selonen, Olavi see Ehlers, Carl 64(1-4) 295-309: [1993]

Semenov, V. S. see Amelin, Yu. V. 75(1-2) 31-46: [1995]

Sen, S. K. see Bhattacharya, S. 66(1-4) 393-409: [1994]

Sengupta, Pulak see Dasgupta, Somnath 83(4) 267-290: [1997]

Sengupta, S., Corfu, F., McNutt, R. H. and Paul, D. K. Mesoarchaean crustal history of the eastern Indian Craton; Sm–Nd and U–Pb isotopic evidence 77(1-2) 17-22: [1996]

Sengupta, Sudipta Tectonothermal history recorded in mafic dykes and enclaves of gneissic basement in the Schirmacher Hills, East Antarctica 63(3-4) 273-291: [1993]

Seong-Joo, Lee and Golubic, Stjepko Microfossil populations in the context of synsedimentary micrite deposition and acicular carbonate precipitation; Mesoproterozoic Gaoyuzhuang Formation, China 96(3-4) 183-208: [1999]

Sergeev, S. A. see Lobach-Zhuchenko, S. B. 62(4) 375-397: [1993]

Sergeev, V. N. Microfossils in cherts from the middle Riphean (Mesoproterozoic) Avzyan Formation, southern Ural Mountains, Russian Federation 65(1-4) 231-254: [1994]

Sergeev, V. N., Knoll, Andrew H. and Petrov, P. Yu. Paleobiology of the Mesoproterozoic-Neoproterozoic transition; the Sukhaya Tunguska Formation, Turukhansk Uplift, Siberia 85(3-4) 201-239: [1997]

Seth, B., Kröner, A., Mezger, Klaus, Nemchin, A. A., Pidgeon, R. T. and Okrusch, M. Archaean to Neoproterozoic magmatic events in the Kaoko Belt of NW Namibia and their geodynamic significance 92(4) 341-363: [1998]

Shannon, William see Smith, Diane R. 85(1-2) 53-79: [1997]

Sharkov, Evgenii V. and Smolkin, Valery F. The early Proterozoic Pechenga-Varzuga Belt; a case of Precambrian back-arc spreading 82(1-2) 133-151: [1997]

Sharkov, Evgenii V. see Melezhik, Victor A. 92(3) 215-221: [1998]

Sharma, M. see Kumar, S. 57(1-2) 165-168: [1992]

Sharma, Mukund see Riding, Robert 92(1) 21-35: [1998]

Sharp, James E. see Rusin, Patricia A. 61(3-4) 231-240: [1993]

Shaw, Russell D. (editor) see Collins, W. J. 71(1-4) 1-346: [1995]

Shaw, Russell D. see Black, Lance P. 71(1-4) 3-15: [1995]

Shaw, Russell D. see Young, D. N. 71(1-4) 45-68: [1995]

Shaw, Russell D. see Sun, Shen-su 71(1-4) 301-314: [1995]

Shaw, Russell D. see Collins, W. J. 71(1-4) 315-346: [1995]

Shaw, S. E. see Collins, W. J. 71(1-4) 91-105: [1995]

Shebanov, A. D. see Eklund, O. 95(1-2) 129-146: [1999]

Shellabear, Jonathan N. see Perring, Caroline S. 51(1-4) 85-113: [1991]

Shen, Y. see Li, R. 97(1-2) 59-75: [1999]

Shen-Miller, J. see Fairchild, Thomas R. 80(1-2) 125-152: [1996]

Shen Yanan, Zhao Rui, Chu Xuelei and Lei Jiajin The carbon and sulfur isotope signatures in the Precambrian-Cambrian transition series of the Yangtze Platform 89(1-2) 77-86: [1998]

Sheraton, J. W. see Champion, D. C. 83(1-3) 109-132: [1997]

Sherwood, G. J. see Das, Ashis K. 80(3-4) 193-204: [1996]

Shimron, A. see Cosca, M. A. 98(1-2) 107-127: [1999]

Shirey, S. B. see Schiotte, L. 63(3-4) 293-323: [1993]

Shukla, M. see Kumar, S. 57(1-2) 165-168: [1992]

Simonson, Bruce M., Schubel, Kathryn A. and Hassler, Scott W. Carbonate sedimentology of the early Precambrian Hamersley Group of Western Australia 60(1-4) 287-335: [1993]

Simonson, Bruce M. see Jahn, Bor-ming 72(3-4) 247-261: [1995]

Simpson, E. L. see Dilliard, K. A. 97(1-2) 115-134: [1999]

Sims, J. see Dirks, P. H. G. M. 65(1-4) 277-295: [1994]

Sinclair, Norval A. see Rusin, Patricia A. 61(3-4) 231-240: [1993]

Singh, B. see Mishra, D. C. 99(3-4) 149-169: [2000]

Sinha, A. K. see Hughes, S. S. 84(1-2) 37-62: [1997]

Sivaraman, T. V. see Bhaskar Rao, Y. J. 59(1-2) 145-170: [1992]

Sivaraman, T. V. see Bhaskar Rao, Y. J. 68(1-2) 175-178: [1994]

Sivaraman, T. V. see Kumar, Anil 80(3-4) 205-216: [1996]

Skinner, H. Catherine W. A review of apatites, iron and manganese minerals and their roles as indicators of biological activity in black shales 61(3-4) 209-229: [1993]

Skiold, T. see Ohlander, Bjorn 64(1-4) 67-84: [1993]

Skiold, T. see Ohlander, Bjorn 93(1) 105-117: [1999]

Skiold, T. see Mellqvist, C. 96(3-4) 225-243: [1999]

Skiold, Torbjorn, Ohlander, Bjorn, Markkula, Heikki, Widenfalk, Lennart and Claesson, Lars-Ake Chronology of Proterozoic orogenic processes at the Archaean continental margin in northern Sweden 64(1-4) 225-238: [1993]

Skiold, Torbjorn see Ahall, Karl-Inge 70(3-4) 235-251: [1995]

Sklyarov, Eugene see Boven, Ariel 93(1) 119-137: [1999]

Smalley, P. C. and Field, D. REE, Th, Hf, Ta in Bamble gabbros (southern Norway) and their amphibolitized equivalents; implications for gabbro tectonic setting 53(3-4) 233-242: [1991]

Smeds, Sten-Anders see Romer, Rolf L. 67(1-2) 141-158: [1994]

Smeds, Sten-Anders see Romer, Rolf L. 76(1-2) 15-30: [1996]

Smeds, Sten-Anders see Romer, Rolf L. 82(1-2) 85-99: [1997]

Smelov, A. P. see Nutman, A. P. 54(2-4) 195-210: [1992]

Smelov, A. P. and Beryozkin, V. I. Retrograded eclogites in the Olekma granite–greenstone region, Aldan Shield, Siberia 62(4) 419-430: [1993]

Smelov, A. P. see Neymark, L. A. 62(4) 453-472: [1993]

Smit, C. A., Roering, Chris and van Reenen, Dirk D. The structural framework of the southern margin of the Limpopo Belt, South Africa 55(1-4) 51-67: [1992]

Smit, C. A. see Roering, Chris 55(1-4) 69-80: [1992]

Smit, C. A. see Roering, Chris 55(1-4) 539-552: [1992]

Smith, C. B. see Barton, J. M., Jr. 55(1-4) 451-467: [1992]

Smith, D. R., Noblett, J., Wobus, R. A., Unruh, D., Douglass, J., Beane, R., Davis, C., Goldman, S., Kay, G., Gustavson, B., Saltoun, B. and Stewart, J. Petrology and geochemistry of late-stage intrusions of the A-type, mid-Proterozoic Pikes Peak Batholith (central Colorado, USA); implications for petrogenetic models 98(3-4) 271-305: [1999]

Smith, Diane R., Barnes, Calvin, Shannon, William, Roback, Robert and James, Eric Petrogenesis of Mid-Proterozoic granitic magmas; examples from central and West Texas 85(1-2) 53-79: [1997]

Smith, H. Stuart see Vennemann, Torsten W. 55(1-4) 365-397: [1992]

Smith, J. B., Barley, M. E., Groves, D. I., Krapez, B., McNaughton, N. J., Bickle, M. J. and Chapman, H. J. The Sholl shear zone, West Pilbara; evidence for a domain boundary structure from integrated tectonostratigraphic analyses, SHRIMP U-Pb dating and isotopic and geochemical data of granitoids 88(1-4) 143-171: [1998]

Smith, Michael S., Dymek, Robert F. and Chadwick, Brian Petrogenesis of Archaean Mafene supracrustal rocks, NW Buksefjorden region, West Greenland; geochemical evidence for highly evolved Archaean crust 57(1-2) 49-90: [1992]

Smith, Patrick E. see Hu, Qiang 91(3-4) 287-294: [1998]

Smithies, R. H. and Bagas, L. High pressure amphibolite-granulite facies metamorphism in the Paleoproterozoic Rudall Complex, central Western Australia 83(4) 243-265: [1997]

Smithies, R. H. and Witt, W. K. Distinct basement terranes identified from granite geochemistry in late Archaean granite-greenstones, Yilgarn Craton, Western Australia 83(1-3) 185-201: [1997]

Smithies, R. H., Hickman, A. H. and Nelson, D. R. New constraints on the evolution of the Mallina Basin, and their bearing on relationships between the contrasting eastern and western granite-greenstone terranes of the Archaean Pilbara Craton, Western Australia 94(1-2) 11-28: [1999]

Smolkin, Valery see Melezhik, Victor A. 92(3) 215-221: [1998]

Smolkin, Valery F. see Sharkov, Evgenii V. 82(1-2) 133-151: [1997]

Snape, I. see Harley, S. L. 89(3-4) 175-205: [1998]

Snyder, Donald see Ashwal, Lewis D. 56(1-2) 73-87: [1992]

Sochava, A. V. and Podkovyrov, V. N. The compositional evolution of Meso- and Neoproterozoic carbonate rocks 73(1-4) 283-289: [1995]

Soderlund, Ulf see Wang, X. D. 92(4) 319-339: [1998]

Soderlund, Ulf, Jarl, Lars-Gunnar, Persson, Per-Olof, Stephens, Michael B. and Wahlgren, Carl-Henric Protolith ages and timing of deformation in the eastern, marginal part of the Sveconorwegian Orogen, southwestern Sweden 94(1-2) 29-48: [1999]

Soderlund, Ulf see Andersson, Jenny 98(1-2) 151-171: [1999]

Sokolov, S. J. see Pisarevsky, S. A. 93(2-3) 201-213: [1999]

Solomon, M. see Tolessa, S. 52(1-2) 179-186: [1991]

Song Biao see Zhao Yue 75(3-4) 175-188: [1995]

Song Biao, Nutman, Allen P., Liu Dunyi and Wu Jiashan 3800 to 2500 Ma crustal evolution in the Anshan area of Liaoning Province, northeastern China 78(1-3) 79-94: [1996]

Southworth, C. Scott see Aleinikoff, John N. 99(1-2) 113-146: [2000]

Souza de Alvarenga, Carlos Jose see Pimentel, Marcio M. 80(3-4) 217-238: [1996]

Spear, Frank S. Thermobarometry and P-T paths from granulite facies rocks; an introduction 55(1-4) 201-207: [1992]

Spear, Frank S. and Florence, Frank P. Thermobarometry in granulites; pitfalls and new approaches 55(1-4) 209-241: [1992]

Spiering, Beate see Hoffbauer, Radegund 66(1-4) 325-349: [1994]

Sreenivas, B. see Sambasiva Rao, V. V. 98(1-2) 53-65: [1999]

Srikantappa, C. see Raith, Michael M. 98(1-2) 129-150: [1999]

Srinivasan, R. see Kumar, S. 57(1-2) 165-168: [1992]

Srinivasan, R. see Sambasiva Rao, V. V. 98(1-2) 53-65: [1999]

Srivastava, D. C. see Blackburn, W. H. 67(3-4) 181-206: [1994]

Srivastava, D. C. and Blackburn, W. H. Geochemistry and tectonic significance of the Ongarbira metavolcanic rocks, Singhbhum District, India [reply] 76(1-2) 117-118: [1996]

Srivastava, P. see Kumar, S. 74(1-2) 91-117: [1995]

Srivastava, Purnima see Kumar, S. 56(3-4) 291-318: [1992]

St-Onge, M. R. see Van Kranendonk, Martin J. 63(3-4) 325-347: [1993]

St-Onge, M. R., Lucas, S. B., Scott, David J. and Wodicka, N. Upper and lower plate juxtaposition, deformation and metamorphism during crustal convergence, Trans-Hudson Orogen (Quebec-Baffin segment), Canada 93(1) 27-49: [1999]

Stein, Mordechai see Kessel, Ronit 92(2) 195-213: [1998]

Steiner, Oliver see Schaller, Mirjam 96(3-4) 263-288: [1999]

Stepanov, V. S. see Mertanen, S. 98(3-4) 197-221: [1999]

Stephens, Michael B. see Wahlgren, Carl-Henric 70(1-2) 67-91: [1994]

Stephens, Michael B. see Wahlgren, Carl-Henric 78(4) 293-295: [1996]

Stephens, Michael B., Wahlgren, Carl-Henric, Weijermars, Ruud and Cruden, Alexander R. Left-lateral transpressive deformation and its tectonic implications, Sveconorwegian Orogen, Baltic Shield, southwestern Sweden 79(3-4) 261-279: [1996]

Stephens, Michael B. see Soderlund, Ulf 94(1-2) 29-48: [1999]

Stern, R. J. see Kroner, A. 53(1-2) 99-118: [1991]

Stern, Richard A., Percival, John A. and Mortensen, James K. Geochemical evolution of the Minto Block; a 2.7 Ga continental magmatic arc built on the Superior Proto-craton 65(1-4) 115-153: [1994]

Stern, Robert J. (editor) and Van Schmus, W. Randall (editor) Special issue; Crustal evolution in the late Proterozoic 53(1-2) 1-163: [1991]

Stern, Robert J. see Beyth, Michael 86(1-2) 45-58: [1997]

Stettler, E. H. see de Beer, J. H. 55(1-4) 173-186: [1992]

Stettler, E. H. see Roering, Chris 55(1-4) 539-552: [1992]

Stevens, B. P. J., Nutman, A. P. and Ehlers, K. Evidence for multiple Palaeoproterozoic thermal events and magmatism adjacent to the Broken Hill Pb-Zn-Ag orebody, Australia [discussion and reply] 98(1-2) 1-10: [1999]

Stevens, G. see Roering, Chris 55(1-4) 539-552: [1992]

Stevens, Gary and van Reenen, Dirk D. Constraints on the form of the P-T loop in the southern marginal zone of the Limpopo Belt, South Africa 55(1-4) 279-296: [1992]

Stevens, Gary and van Reenen, Dirk D. Partial melting and the origin of metapelitic granulites in the southern marginal zone of the Limpopo Belt, South Africa 55(1-4) 303-319: [1992]

Stevens, Gary, Gibson, Roger L. and Droop, Giles T. R. Mid-crustal granulite facies metamorphism in the central Kaapvaal Craton; the Bushveld Complex connection 82(1-2) 113-132: [1997]

Stevenson, R., Henry, P. and Gariépy, C. Assimilation-fractional crystallization origin of Archean sanukitoid suites; western Superior Province, Canada 96(1-2) 83-99: [1999]

Stevenson, R. K. see Tomlinson, K. Y. 89(1-2) 59-76: [1998]

Stewart, J. see Smith, D. R. 98(3-4) 271-305: [1999]

Stone, Denver see Corfu, Fernando 92(3) 277-295: [1998]

Stone, Jim see Cullers, Robert L. 60(1-4) 99-116: [1993]

Stone, Jim see Cullers, Robert L. 62(1-2) 139-169: [1993]

Stone, William E. see Pan, Yuanming 52(1-2) 53-69: [1991]

Stott, G. M. see Corfu, F. 78(1-3) 53-63: [1996]

Strachan, R. A. see Nance, R. D. 53(1-2) 41-78: [1991]

Strand, K. and Laajoki, K. Application of the parasequence concept to the Paleoproterozoic record of the northern Fennoscandian Shield 97(3-4) 253-267: [1999]

Strand, K. O. and Laajoki, K. Palaeoproterozoic glaciomarine sedimentation in an extensional tectonic setting; the Honkala Formation, Finland 64(1-4) 253-271: [1993]

Strauss, Harald The sulfur isotopic record of Precambrian sulfates; new data and a critical evaluation of the existing record 63(3-4) 225-246: [1993]

Strauss, Harald and Beukes, Nicolas J. Carbon and sulfur isotopic compositions of organic carbon and pyrite in sediments from the Transvaal Supergroup, South Africa 79(1-2) 57-71: [1996]

Studer, Ivan see Schaller, Mirjam 96(3-4) 263-288: [1999]

Sturt, Brian A. see Melezhik, Victor A. 92(3) 215-221: [1998]

Su, Qi, Goldberg, Steven A. and Fullagar, Paul D. Precise U-Pb zircon ages of Neoproterozoic plutons in the Southern Appalachian Blue Ridge and their implications for the initial rifting of Laurentia 68(1-2) 81-95: [1994]

Sugisaki, Ryuichi see Sugitani, Kenichiro 80(1-2) 49-76: [1996]

Sugitani, Kenichiro Geochemical characteristics of Archean cherts and other sedimentary rocks in the Pilbara Block, Western Australia; evidence for Archean seawater enriched in hydrothermally-derived iron and silica 57(1-2) 21-47: [1992]

Sugitani, Kenichiro, Horiuchi, Yoshikuni, Adachi, Mamoru and Sugisaki, Ryuichi Anomalously low Al_2O_3/TiO_2 values for Archean cherts from the Pilbara Block, Western Australia; possible evidence for extensive chemical weathering on the early Earth 80(1-2) 49-76: [1996]

Sumner, Dawn Y. and Bowring, Samuel A. U–Pb geochronologic constraints on deposition of the Campbellrand Subgroup, Transvaal Supergroup, South Africa 79(1-2) 25-35: [1996]

Sun, Min, Armstrong, Richard Lee and Lambert, Richard St. J. Petrochemistry and Sr, Pb, and Nd isotopic geochemistry of early Precambrian rocks, Wutaishan and Taihangshan areas, China 56(1-2) 1-31: [1992]

Sun, Min, Armstrong, Richard Lee, Lambert, Richard St. J., Jiang Chunchao and Wu Jiahong Petrochemistry and Sr, Pb and Nd isotopic geochemistry of the Paleoproterozoic Kuandian Complex, the eastern Liaoning Province, China 62(1-2) 171-190: [1993]

Sun, S. S. see Blewett, R. S. 89(3-4) 101-127: [1998]

Sun, Shen-su, Warren, R. G. and Shaw, Russell D. Nd isotope study of granites from the Arunta Inlier, central Australia; constraints on geological models and limitation of the method 71(1-4) 301-314: [1995]

Sun Weiguo see Yin Leiming 65(1-4) 95-114: [1994]

Sun Weiguo see Yang Jiedong 93(2-3) 215-233: [1999]

Sun Zhaocai see Korsch, R. J. 54(1) 45-63: [1991]

Sundblad, K. Lead isotopic evidence for the origin of 1.8-1.4 Ga ores and granitoids in the southeastern part of the Fennoscandian Shield 51(1-4) 265-281: [1991]

Sundblad, K., Ahl, M. and Schöberg, H. Age and geochemistry of granites associated with Mo-mineralizations in western Bergslagen, Sweden 64(1-4) 319-335: [1993]

Sundblad, K. see Ahl, M. 95(1-2) 147-166: [1999]

Sundblad, Krister, Mansfeld, Joakim and Sarkinen, Marianne Palaeoproterozoic rifting and formation of sulphide deposits along the southwestern margin of the Svecofennian Domain, southern Sweden 82(1-2) 1-12: [1997]

Surkov, V. S., Grishin, M. P., Larichev, A. I., Lotyshev, V. I., Melnikov, N. V., Kontorovich, A. E., Trofimuk, A. A. and Zolotov, A. N. The Riphean sedimentary basins of the eastern Siberia Province and their petroleum potential 54(1) 37-44: [1991]

Sutcliffe, R. H. see Brugmann, G. E. 81(3-4) 223-239: [1997]

Suwa, Kanenori, Tokieda, Katsuyasu and Hoshino, Mitsuo Palaeomagnetic and petrological reconstruction of the Seychelles 69(1-4) 281-292: [1994]

Swager, C. P. Tectono-stratigraphy of late Archaean greenstone terranes in the southern Eastern Goldfields, Western Australia 83(1-3) 11-42: [1997]

Swager, C. P., Goleby, B. R., Drummond, B. J., Rattenbury, M. S. and Williams, P. R. Crustal structure of granite-greenstone terranes in the Eastern Goldfields, Yilgarn Craton, as revealed by seismic reflection profiling 83(1-3) 43-56: [1997]

Swager, C. P. and Nelson, D. R. Extension emplacement of a high-grade granite gneiss complex into low-grade greenstones, Eastern Goldfields, Yilgarn Craton, Western Australia 83(1-3) 203-219: [1997]

Swager, C. P. see Pirajno, F. 90(3-4) 119-140: [1998]

Swager, C. P. see Occhipinti, S. A. 90(3-4) 141-158: [1998]

Swett, Keene see Fairchild, Ian J. 53(3-4) 165-197: [1991]

Symons, D. T. A. Proterozoic rotation of the Peter Lake Domain in the Trans-Hudson Orogen of Saskatchewan, Canada, deduced from paleomagnetism 69(1-4) 11-24: [1994]

Symons, D. T. A. see Gala, M. G. 90(1-2) 85-101: [1998]

Tack, L., Liégeois, J. P., Deblond, A. and Duchesne, J. C. Kibaran A-type granitoids and mafic rocks generated by two mantle sources in a late orogenic setting (Burundi) 68(3-4) 323-356: [1994]

Tadesse, T., Hoshino, M. and Sawada, Y. Geochemistry of low-grade metavolcanic rocks from the Pan-African of the Axum area, northern Ethiopia 96(1-2) 101-124: [1999]

Taira, Asahiko see Kiyokawa, Shoichi 88(1-4) 109-142: [1998]

Talarico, Franco and Castelli, Daniele Relict granulites in the Ross Orogen of northern Victoria Land (Antarctica); I, Field occurrence, petrography and metamorphic evolution 75(3-4) 141-156: [1995]

Talarico, Franco, Borsi, Laura and Lombardo, Bruno Relict granulites in the Ross Orogen of northern Victoria Land (Antarctica); II, Geochemistry and palaeo-tectonic implications 75(3-4) 157-174: [1995]

Talbot, Christopher J. and Koyi, Hemin Palaeoproterozoic intraplating exposed by resultant gravity overturn near Kiruna, northern Sweden 72(3-4) 199-225: [1995]

Tanaka, Hidefumi and Idnurm, Mart Palaeomagnetism of Proterozoic mafic intrusions and host rocks of the Mount Isa Inlier, Australia; revisited 69(1-4) 241-258: [1994]

Tao Xiancong see Yang Jiedong 93(2-3) 215-233: [1999]

Tarney, John see Ahmad, Talat 65(1-4) 1-23: [1994]

Tarney, John see Cadman, Andrew C. 68(3-4) 357-374: [1994]

Tarney, John see Cadman, Andrew C. 82(1-2) 63-84: [1997]

Tarney, John (reviewer) Dyke swarms of peninsular India [book review] 82(3-4) 349-350: [1997]

Tatu, M. see Liegeois, J. P. 80(3-4) 281-301: [1996]

Taylor, G. K. see Nance, R. D. 53(1-2) 41-78: [1991]

Taylor, P. N. see Kalsbeek, Feiko 62(3) 239-270: [1993]

Taylor, Paul N., Moorbath, Stephen, Leube, Alfred and Hirdes, Wolfgang Early Proterozoic crustal evolution in the Birimian of Ghana; constraints from geochronology and isotope geochemistry 56(1-2) 97-111: [1992]

Taylor, Paul N. see Kalsbeek, Feiko 63(1-2) 163-178: [1993]

Taylor, Paul Nigel see Teixeira, Wilson 78(1-3) 151-164: [1996]

Tebenkov, Alexander M. see Gee, David G. 70(3-4) 215-234: [1995]

Teferra, E. see Tolessa, S. 52(1-2) 179-186: [1991]

Tegtmeyer, A. see Kroner, A. 67(1-2) 109-139: [1994]

Tegyey, Monique see Ledru, Patrick 69(1-4) 169-191: [1994]

Tegyey, Monique see Vanderhaeghe, Olivier 92(2) 165-194: [1998]

Teixeira, N. P. see Dall'Agnol, Roberto 95(1-2) 9-39: [1999]

Teixeira, Wilson and Figueiredo, Mario Cesar Heredia An outline of early Proterozoic crustal evolution in the Sao Francisco Craton, Brazil; a review 53(1-2) 1-22: [1991]

Teixeira, Wilson, Carneiro, Mauricio Antonio, Noce, Carlos Mauricio, Machado, Nuno, Sato, Kei and Taylor, Paul Nigel Pb, Sr and Nd isotope constraints on the Archaean evolution of gneissic-granitoid complexes in the southern Sao Francisco Craton, Brazil 78(1-3) 151-164: [1996]

Teixeira, Wilson, Renne, Paul R., Bossi, Jorge, Campal, Nestor and d'Agrella Filho, Manoel S. ^{40}Ar-^{39}Ar and Rb-Sr geochronology of the Uruguayan dike swarm, Rio de la Plata Craton and implications for Proterozoic intraplate activity in western Gondwana 93(2-3) 153-180: [1999]

Teyssier, Christian see Dunlap, James W. 71(1-4) 229-250: [1995]

Theart, H. F. J. see Cornell, D. H. 59(1-2) 43-71: [1992]

Theriault, R. J. and Ermanovics, I. Sm-Nd isotopic and geochemical characterisation of Paleoproterozoic Torngat Orogen, Labrador, Canada 81(1-2) 15-35: [1997]

Theunissen, Karel see Boven, Ariel 93(1) 119-137: [1999]

Thieblemont, D. see Castaing, C. 69(1-4) 327-344: [1994]

Thieblemont, Denis see Vanderhaeghe, Olivier 92(2) 165-194: [1998]

Thomas, R. J., Eglington, B. M., Bowring, S. A., Retief, E. A. and Walraven, F. New isotope data from a Neoproterozoic porphyritic granitoid-charnockite suite from Natal, South Africa 62(1-2) 83-101: [1993]

Thomas, R. J. see Cornell, D. H. 77(3-4) 243-271: [1996]

Thomas, R. J. see Jacobs, J. 86(1-2) 71-92: [1997]

Thompson, R. N. see da Silva Filho, A. F. 62(3) 323-342: [1993]

Thompson-Rizer, Carolyn L. see Mossman, David J. 61(3-4) 171-179: [1993]

Thompson-Rizer, Carolyn L. Optical description of amorphous kerogen in both thin sections and isolated kerogen preparations of Precambrian to Eocene shale samples 61(3-4) 181-190: [1993]

Thomson, Margaret L. see Dix, George R. 70(3-4) 253-268: [1995]

Thorpe, R. I., Hickman, A. H., Davis, D. W., Mortensen, J. K. and Trendall, A. F. U-Pb zircon geochronology of Archaean felsic units in the Marble Bar region, Pilbara Craton, Western Australia 56(3-4) 169-189: [1992]

Thurston, P. C. see Tomlinson, K. Y. 89(1-2) 59-76: [1998]

Tian Lifu see Du Rulin 73(1-4) 291-298: [1995]

Timmerman, Martin J. and Daly, J. Stephen Sm-Nd evidence for late Archaean crust formation in the Lapland-Kola mobile belt, Kola Peninsula, Russia and Norway 72(1-2) 97-107: [1995]

Titley, S. R. Relationship of stratabound ores with tectonic cycles of the Phanerozoic and Proterozoic 61(3-4) 295-322: [1993]

Tiwari, Meera Organic-walled microfossils from the Chert-Phosphorite Member, Tal Formation, Precambrian-Cambrian boundary, India 97(1-2) 99-113: [1999]

Tiwari, V. M. see Mishra, D. C. 99(3-4) 149-169: [2000]

Tobisch, Othmar T., Collerson, Kenneth D., Bhattacharyya, Tapas and Mukhopadhyay, Dhruba Structural relationships and Sr-Nd isotope systematics of polymetamorphic granitic gneisses and granitic rocks from central Rajasthan, India; implications for the evolution of the Aravalli Craton 65(1-4) 319-339: [1994]

Todt, W. see Kroner, A. 59(1-2) 15-32: [1992]

Todt, W. see Holzl, S. 66(1-4) 123-149: [1994]

Todt, W. see Byerly, Gary R. 78(1-3) 125-138: [1996]

Todt, Wolfgang see Toulkeridis, Theofilos 92(2) 129-144: [1998]

Tokieda, Katsuyasu see Suwa, Kanenori 69(1-4) 281-292: [1994]

Tolessa, S., Bonavia, F. F., Solomon, M., Haile-Meskel, A. and Teferra, E. Structural pattern of Pan-African rocks around Moyale, southern Ethiopia 52(1-2) 179-186: [1991]

Tolmacheva, E. V. see Velikoslavinsky, S. D. 62(4) 507-525: [1993]

Tomlinson, K. Y., Stevenson, R. K., Hughes, D. J., Hall, R. P., Thurston, P. C. and Henry, P. The Red Lake greenstone belt, Superior Province; evidence of plume-related magmatism at 3 Ga and evidence of an older enriched source 89(1-2) 59-76: [1998]

Tosdal, R. M. see Bettencourt, J. S. 95(1-2) 41-67: [1999]

Toteu, S. F., Van Schmus, W. R., Penaye, J. and Nyobé, J. B. U-Pb and Sm-Nd evidence for Eburnian and Pan-African high-grade metamorphism in cratonic rocks of southern Cameroon 67(3-4) 321-347: [1994]

Toulkeridis, Theofilos, Clauer, Norbert and Kröner, Alfred Chemical variations in clay minerals of the Archaean Barberton greenstone belt (South Africa) 79(3-4) 195-207: [1996]

Toulkeridis, Theofilos see Ring, Uwe 85(1-2) 27-51: [1997]

Toulkeridis, Theofilos, Goldstein, Steven L., Clauer, Norbert, Kröner, Alfred, Todt, Wolfgang and Schidlowski, Manfred Sm-Nd, Rb-Sr and Pb-Pb dating of silicic carbonates from the early Archaean Barberton greenstone belt, South Africa; evidence for post-depositional isotopic resetting at low temperature 92(2) 129-144: [1998]

Treloar, Peter J., Coward, Michael P. and Harris, Nigel B. W. Himalayan-Tibetan analogies for the evolution of the Zimbabwe Craton and Limpopo Belt 55(1-4) 571-587: [1992]

Treloar, Peter J. see Munyanyiwa, Hubert 81(3-4) 179-196: [1997]

Trendall, A. F. see Nelson, D. R. 54(2-4) 231-256: [1992]

Trendall, A. F. see Thorpe, R. I. 56(3-4) 169-189: [1992]

Trendall, A. F. see Nelson, D. R. 97(3-4) 165-189: [1999]

Triboulet, C. see Castaing, C. 69(1-4) 327-344: [1994]

Triboulet, C. see Feybesse, J. L. 87(3-4) 161-216: [1998]

Trindade, R. I. F. see d'Agrella Filho, M. S. 99(3-4) 179-196: [2000]

Trofimuk, A. A. see Surkov, V. S. 54(1) 37-44: [1991]

Trompette, Roland Neoproterozoic (~600 Ma) aggregation of western Gondwana; a tentative scenario 82(1-2) 101-112: [1997]

Trumbull, Robert B. A petrological and Rb–Sr isotopic study of an early Archean fertile granite–pegmatite system; the Sinceni Pluton in Swaziland 61(1-2) 89-116: [1993]

Tsunogae, T., Miyano, T. and Ridley, John R. Metamorphic P-T profiles from the Zimbabwe Craton to the Limpopo Belt, Zimbabwe 55(1-4) 259-277: [1992]

Tucker, Robert D. see Gower, Charles F. 51(1-4) 315-336: [1991]

Turchenko, S. I. Precambrian metallogeny related to tectonic in the eastern part of the Baltic Shield 58(1-4) 121-141: [1992]

Turek, A., Heather, K. B., Sage, Ron P. and Van Schmus, W. R. U–Pb zircon ages for the Missanabie–Renabie area and their relation to the rest of the Michipicoten greenstone belt, Superior Province, Ontario, Canada 76(3-4) 191-211: [1996]

Turner, S. see Foden, J. 71(1-4) 207-227: [1995]

Twist, David see Cheney, Eric S. 52(1-2) 115-132: [1991]

Tyler, I. M., Fletcher, I. R., de Laeter, J. R., Williams, I. R. and Libby, W. G. Isotope and rare earth element evidence for a late Archaean terrane boundary in the southeastern Pilbara Craton, Western Australia 54(2-4) 211-229: [1992]

Tyler, I. M., Page, R. W. and Griffin, T. J. Depositional age and provenance of the Marboo Formation from SHRIMP U-Pb zircon geochronology; implications for the early Palaeoproterozoic tectonic evolution of the Kimberley region, Western Australia 95(3-4) 225-243: [1999]

Tyler, Noel see Tyler, Roger 79(1-2) 141-169: [1996]

Tyler, Roger and Tyler, Noel Stratigraphic and structural controls on gold mineralization in the Pilgrim's Rest Goldfield, eastern Transvaal, South Africa 79(1-2) 141-169: [1996]

Udairaj, B. see Kumar, S. 57(1-2) 165-168: [1992]

Ugidos, J. M., Armenteros, I., Barba, P., Valladares, M. I. and Colmenero, J. R. Geochemistry and petrology of recycled orogen-derived sediments; a case study from Upper Precambrian siliciclastic rocks of the Central Iberian Zone, Iberian Massif, Spain 84(3-4) 163-180: [1997]

Uitterdijk Appel, Peter W. Tourmalinites in the 3800 Ma old Isua supracrustal belt, West Greenland 72(3-4) 227-234: [1995]

Ulbrich, Horstpeter H. G. J. see Janasi, Valdecir de Assis 51(1-4) 351-374: [1991]

Ulbrich, Horstpeter H. G. J. see Carneiro, Mauricio A. 59(3-4) 263-282: [1992]

Unruh, D. see Smith, D. R. 98(3-4) 271-305: [1999]

Vaasjoki, M. see Alviola, R. 95(1-2) 89-107: [1999]

Vaasjoki, Matti, Ramo, O. Tapani and Sakko, Matti New U/Pb ages from the Wiborg rapakivi area; constraints on the temporal evolution of the rapakivi granite-anorthosite-diabase dyke association of southeastern Finland 51(1-4) 227-243: [1991]

Valbracht, Peter J., Helmers, Henk and Beunk, Frank F. Early Proterozoic continental tholeiites from western Bergslagen, central Sweden; I, Petrology, geochemical petrogenesis and geotectonic setting 52(3-4) 187-214: [1991]

Valbracht, Peter J. Early Proterozoic continental tholeiites from western Bergslagen, central Sweden; II, Nd and Sr isotopic variations and implications from Sm-Nd systematics for the Svecofennian sub-continental mantle 52(3-4) 215-230: [1991]

Valbracht, Peter J. see Beunk, Frank F. 52(3-4) 231-243: [1991]

Valdespino, Oscar E. Miron and Costanzo Alvarez, Vincenzo Paleomagnetic and rock magnetic evidence for inverse zoning in the Parguaza Batholith (southwestern Venezuela) and its implications about tectonics of the Guyana Shield 85(1-2) 1-25: [1997]

Valdiya, K. S. Proterozoic sedimentation and Pan-African geodynamic development in the Himalaya 74(1-2) 35-55: [1995]

Valeriano, C. see Machado, N. 79(3-4) 347-361: [1996]

Valkering, Marielle E. see Nijman, Wouter 88(1-4) 25-52: [1998]

Valladares, C. see Machado, N. 79(3-4) 347-361: [1996]

Valladares, M. I. see Ugidos, J. M. 84(3-4) 163-180: [1997]

Valley, John W. see King, Elizabeth M. 92(4) 365-387: [1998]

van Breemen, Otto see Higgins, Michael D. 79(3-4) 327-346: [1996]

van der Merwe, R. see Eriksson, Patrick G. 97(3-4) 269-302: [1999]

van der Pluijm, Ben A. see Busch, Jay P. 77(1-2) 41-57: [1996]

Van der Voo, Rob and Meert, Joseph G. Late Proterozoic paleomagnetism and tectonic models; a critical appraisal 53(1-2) 149-163: [1991]

Van der Voo, Rob see Meert, Joseph G. 69(1-4) 113-131: [1994]

Van der Voo, Rob see Meert, Joseph G. 74(4) 225-244: [1995]

van Gool, Jeroen A. M., Kriegsman, Leo M., Marker, Mogens and Nichols, Geoff T. Thrust stacking in the inner Nordre Stromfjord area, West Greenland; significance for the tectonic evolution of the Palaeoproterozoic Nagssugtoqidian Orogen 93(1) 71-85: [1999]

van Gool, Jeroen A. M. see Nutman, Allen P. 93(1) 87-104: [1999]

van Haaften, W. M. and White, S. H. Evidence for multiphase deformation in the Archean basal Warrawoona Group in the Marble Bar area, East Pilbara, Western Australia 88(1-4) 53-66: [1998]

Van Kranendonk, Martin J., St-Onge, M. R. and Henderson, J. R. Paleoproterozoic tectonic assembly of Northeast Laurentia through multiple indentations 63(3-4) 325-347: [1993]

Van Kranendonk, Martin J. and Collins, W. J. Timing and tectonic significance of late Archaean, sinistral strike-slip deformation in the central Pilbara structural corridor, Pilbara Craton, Western Australia 88(1-4) 207-231: [1998]

van Reenen, Dirk D., Roering, Chris, Ashwal, L. D. and de Wit, Maarten J. Regional geological setting of the Limpopo Belt 55(1-4) 1-5: [1992]

van Reenen, Dirk D. (editor), Roering, Chris (editor), Ashwal, L. D. (editor) and de Wit, Maarten J. (editor) Special issue; The Archaean Limpopo granulite belt; tectonics and deep crustal processes 55(1-4) 1-587: [1992]

van Reenen, Dirk D. see Barton, J. M., Jr. 55(1-4) 7-16: [1992]

van Reenen, Dirk D. see Barton, J. M., Jr. 55(1-4) 17-31: [1992]

van Reenen, Dirk D. see Smit, C. A. 55(1-4) 51-67: [1992]

van Reenen, Dirk D. see Roering, Chris 55(1-4) 69-80: [1992]

van Reenen, Dirk D. see McCourt, Stephen 55(1-4) 93-110: [1992]

van Reenen, Dirk D. see de Wit, Maarten J. 55(1-4) 111-122: [1992]

van Reenen, Dirk D. see Stevens, Gary 55(1-4) 279-296: [1992]

van Reenen, Dirk D. see Stevens, Gary 55(1-4) 303-319: [1992]

van Reenen, Dirk D. see Baker, Judy 55(1-4) 327-336: [1992]

van Reenen, Dirk D. see van Schalkwyk, J. F. 55(1-4) 337-352: [1992]

van Reenen, Dirk D. see Hoernes, S. 55(1-4) 353-364: [1992]

van Reenen, Dirk D. see Bohlender, F. 55(1-4) 429-449: [1992]

van Reenen, Dirk D. see Barton, J. M., Jr. 55(1-4) 451-467: [1992]

van Reenen, Dirk D. see Roering, Chris 55(1-4) 539-552: [1992]

van Reenen, Dirk D. see van Schalkwyk, Jackie F. 61(1-2) 67-88: [1993]

van Schalkwyk, J. F. see Roering, Chris 55(1-4) 69-80: [1992]

van Schalkwyk, J. F. see Baker, Judy 55(1-4) 327-336: [1992]

van Schalkwyk, J. F. and van Reenen, Dirk D. High-temperature hydration of ultramafic granulites from the southern marginal zone of the Limpopo Belt by infiltration of CO_2-rich fluid 55(1-4) 337-352: [1992]

van Schalkwyk, J. F. see Roering, Chris 55(1-4) 539-552: [1992]

van Schalkwyk, Jackie F., de Wit, Maarten J., Roering, Chris and van Reenen, Dirk D. Tectono-metamorphic evolution of the simatic basement of the Pietersburg greenstone belt relative to the Limpopo Orogeny; evidence from serpentinite 61(1-2) 67-88: [1993]

Van Schmus, W. R. see Toteu, S. F. 67(3-4) 321-347: [1994]

Van Schmus, W. R. see Turek, A. 76(3-4) 191-211: [1996]

Van Schmus, W. R. see d'Agrella Filho, M. S. 99(3-4) 179-196: [2000]

Van Schmus, W. Randall (editor) see Stern, Robert J. 53(1-2) 1-163: [1991]

Van Schmus, William R. see Babinski, Marly 72(3-4) 235-245: [1995]

Vandenheuvel, B. A. see Newton, R. C. 91(1-2) 41-63: [1998]

Vanderhaeghe, Olivier, Ledru, Patrick, Thiéblemont, Denis, Egal, Emmanual, Cocherie, Alain, Tegyey, Monique and Milési, Jean-Pierre Contrasting mechanism of crustal growth: geodynamic evolution of the Paleoproterozoic granite-greenstone belts of French Guiana 92(2) 165-194: [1998]

Vanhanen, Erkki J. see Pankka, Heikki S. 58(1-4) 387-400: [1992]

Vasudev, V. N. see Chadwick, B. 68(1-2) 169-173: [1994]

Vasudev, V. N. see Russell, J. 78(4) 261-272: [1996]

Vasudev, V. N. see Chadwick, B. 99(1-2) 91-111: [2000]

Vauchez, A. see Neves, S. P. 99(1-2) 1-32: [2000]

Vearncombe, Julian R. see McCourt, Stephen 55(1-4) 553-570: [1992]

Vearncombe, Julian R. see Vearncombe, Susan 88(1-4) 67-82: [1998]

Vearncombe, S. and Kerrich, R. Geochemistry and geodynamic setting of volcanic and plutonic rocks associated with early Archaean volcanogenic massive sulphide mineralization, Pilbara Craton 98(3-4) 243-270: [1999]

Vearncombe, Susan, Vearncombe, Julian R. and Barley, Mark E. Fault and stratigraphic controls on volcanogenic massive sulphide deposits in the Strelley Belt, Pilbara Craton, Western Australia 88(1-4) 67-82: [1998]

Veevers, J. J. see Walter, M. R. 73(1-4) 173-195: [1995]

Veevers, J. J. see Gorjan, P. 100(1-3) 151-179: [2000]

Veevers, J. J. see Walter, M. R. 100(1-3) 371-433: [2000]

Veizer, Jan see Misi, Aroldo 89(1-2) 87-100: [1998]

Velikoslavinsky, S. D., Tolmacheva, E. V., Dook, V. L., Milkevich, R. I. and Rudnik, V. A. Geochemical mapping of basic complexes in the early Precambrian Aldan–Stanovoy Shield of Siberia 62(4) 507-525: [1993]

Velilla, N. see Lopez Munguira, A. 53(3-4) 267-279: [1991]

Venkatachala, B. S. see Kumar, S. 57(1-2) 165-168: [1992]

Vennemann, Torsten W. and Smith, H. Stuart Stable isotope profile across the orthoamphibole isograd in the southern marginal zone of the Limpopo Belt, South Africa 55(1-4) 365-397: [1992]

Verschure, Rob H. see de Haas, Geert-Jan L. M. 64(1-4) 403-417: [1993]

Versfeld, J. Adrian see Wilson, Allan H. 67(3-4) 243-276: [1994]

Versfeld, J. Adrian see Wilson, Allan H. 67(3-4) 277-320: [1994]

Vertolli, V. M. see Lumbers, S. B. 53(3-4) 199-231: [1991]

Vetter, Ulrich see Oberthur, Thomas 89(3-4) 129-143: [1998]

Viana, Maria das G. see Pimentel, Marcio M. 81(3-4) 299-310: [1997]

Vidal, Gonzalo and Moczydlowska, Malgorzata The Neoproterozoic of Baltica; stratigraphy, palaeobiology and general geological evolution 73(1-4) 197-216: [1995]

Vidal, Gonzalo see Samuelsson, Joakim 96(1-2) 1-23: [1999]

Vidal, M. and Alric, G. The Palaeoproterozoic (Birimian) of Haute-Comoé in the West African Craton, Ivory Coast; a transtensional back-arc basin 65(1-4) 207-229: [1994]

Vidal, M. see Doumbia, S. 87(1-2) 33-63: [1998]

Villeneuve, M. and Cornée, J. J. Structure, evolution and palaeogeography of the West African Craton and bordering belts during the Neoproterozoic 69(1-4) 307-326: [1994]

Vinogradov, D. P. see Neymark, L. A. 62(4) 453-472: [1993]

Vinyu, Michael L., Hanson, Richard E., Martin, Mark W., Bowring, Samuel A., Jelsma, Hielke A., Krol, Michael A. and Dirks, Paul H. G. M. U-Pb and $^{40}Ar/^{39}Ar$ geochronological constraints on the tectonic evolution of the easternmost part of the Zambezi orogenic belt, Northeast Zimbabwe 98(1-2) 67-82: [1999]

Vishwakarma, Rajesh K. 1.66-Ga-old metamorphosed Pb–Cu deposit in Sargipali (eastern India); manifestations of tidal flat environment and sedex-type genesis 77(1-2) 117-130: [1996]

Visser, Wiekert Burial and thermal history of Proterozoic source rocks in Oman 54(1) 15-36: [1991]

Vogel, Derek C., Vuollo, Jouni I., Alapieti, Tuomo T. and James, Richard S. Tectonic, stratigraphic, and geochemical comparisons between ca. 2500-2440 Ma mafic igneous events in the Canadian and Fennoscandian shields 92(2) 89-116: [1998]

Volkert, Richard A. see Puffer, John H. 51(1-4) 115-125: [1991]

Voll, Gerhard, Evangelakakis, Christos and Kroll, Herbert Revised two-feldspar geothermometry applied to Sri Lankan feldspars 66(1-4) 351-377: [1994]

von der Borch, C. C. see Christie-Blick, Nicholas 73(1-4) 3-26: [1995]

Vry, Julie K. see Cartwright, Ian 77(3-4) 211-229: [1996]

Vuollo, Jouni I. see Nykanen, Vesa M. 70(1-2) 45-65: [1994]

Vuollo, Jouni I. see Vogel, Derek C. 92(2) 89-116: [1998]

Vuollo, Jouni I. see Mertanen, S. 98(3-4) 197-221: [1999]

Wachendorf, H. see Jarrar, G. 56(1-2) 51-72: [1992]

Wahlgren, Carl-Henric, Cruden, Alexander R. and Stephens, Michael B. Kinematics of a major fan-like structure in the eastern part of the Sveconorwegian Orogen, Baltic Shield, south-central Sweden 70(1-2) 67-91: [1994]

Wahlgren, Carl-Henric, Cruden, Alexander R. and Stephens, Michael B. Kinematics of a major fan-like structure in the eastern part of the Sveconorwegian Orogen, Baltic Shield, south-central Sweden [reply] 78(4) 293-295: [1996]

Wahlgren, Carl-Henric, Heaman, Larry M., Kamo, Sandra L. and Ingvald, Erika U-Pb baddeleyite dating of dolerite dykes in the eastern part of the Sveconorwegian Orogen, south-central Sweden 79(3-4) 227-237: [1996]

Wahlgren, Carl-Henric see Stephens, Michael B. 79(3-4) 261-279: [1996]

Wahlgren, Carl-Henric see Soderlund, Ulf 94(1-2) 29-48: [1999]

Walraven, F. see Thomas, R. J. 62(1-2) 83-101: [1993]

Walsh, Maud M. Microfossils and possible microfossils from the early Archean Onverwacht Group, Barberton Mountain Land, South Africa 54(2-4) 271-293: [1992]

Walsh, Maud M. see Byerly, Gary R. 78(1-3) 125-138: [1996]

Walter, M. R. (editor) Special issue; Proterozoic petroleum 54(1) 1-108: [1991]

Walter, M. R. see Zang, Wenlong 57(3-4) 243-323: [1992]

Walter, M. R., Veevers, J. J., Calver, C. R. and Grey, K. Neoproterozoic stratigraphy of the Centralian Superbasin, Australia 73(1-4) 173-195: [1995]

Walter, M. R. see McIlroy, D. 86(1-2) 93-113: [1997]

Walter, M. R. see Gorjan, P. 100(1-3) 151-179: [2000]

Walter, M. R. see Hill, A. C. 100(1-3) 181-211: [2000]

Walter, M. R. see Al-Arouri, K. 100(1-3) 235-280: [2000]

Walter, M. R. see Calver, C. R. 100(1-3) 299-312: [2000]

Walter, M. R., Veevers, J. J., Calver, C. R., Gorjan, P. and Hill, A. C. Dating the 840-544 Ma Neoproterozoic interval by isotopes of strontium, carbon, sulfur in seawater, and some interpretative models 100(1-3) 371-433: [2000]

Walter, Malcolm (editor) see Knoll, Andrew H. 73(1-4) 1-298: [1995]

Walter, Malcolm (reviewer) The geology of South Australia; Volume 1, The Precambrian [book review] 78(4) 298-299: [1996]

Walter, Malcolm R. (editor) Neoproterozoic of Australia 100(1-3) 1-433: [2000]

Walther, C. see Kern, H. 64(1-4) 169-187: [1993]

Walther, Christian and Flüh, Ernst R. The POLAR profile revisited; combined P- and S-wave interpretation 64(1-4) 153-168: [1993]

Wang, X. D., Soderlund, Ulf, Lindh, A. and Johansson, L. U-Pb and Sm-Nd dating of high-pressure granulite- and upper amphibolite facies rocks from SW Sweden 92(4) 319-339: [1998]

Wang Dongpo see Gao Shan 80(1-2) 23-48: [1996]

Wang Kaiyi, Li Jiliang, Hao Jie, Li Jianghai and Zhou Shaoping The Wutaishan orogenic belt within the Shanxi Province, northern China; a record of late Archaean collision tectonics 78(1-3) 95-103: [1996]

Wang Qizheng see Du Rulin 73(1-4) 291-298: [1995]

Wang Yanbing see Zhao Yue 75(3-4) 175-188: [1995]

Wang Zongzhe see Yang Jiedong 93(2-3) 215-233: [1999]

Wannas, K. O. and Hayling, K. L. Crustal variations in the Baltic Sea; a geologic evaluation of satellite altimetry data 64(1-4) 311-317: [1993]

Wardlaw, Melissa S. see Hanson, Richard E. 63(3-4) 189-209: [1993]

Wardle, Richard J. see Cadman, Andrew C. 68(3-4) 357-374: [1994]

Warren, R. G. see Sun, Shen-su 71(1-4) 301-314: [1995]

Wasteneys, H. see Kamo, S. L. 80(3-4) 239-260: [1996]

Wasteneys, H. A., Kamo, S. L., Moser, D., Krogh, T. E., Gower, C. F. and Owen, J. V. U-Pb geochronological constraints on the geological evolution of the Pinware Terrane and adjacent areas, Grenville Province, Southeast Labrador, Canada 81(1-2) 101-128: [1997]

Watkins, Keith P. see Wiedenbeck, Michael 61(1-2) 1-26: [1993]

Watson, E. B. see Rapp, R. P. 51(1-4) 1-25: [1991]

Weber, B. and Köhler, H. Sm-Nd, Rb-Sr and U-Pb geochronology of a Grenville terrane in southern Mexico; origin and geologic history of the Guichicovi Complex 96(3-4) 245-262: [1999]

Weber, K. see Jacobs, J. 75(3-4) 251-262: [1995]

Weihed, P., Bergman, J. and Bergström, U. Metallogeny and tectonic evolution of the early Proterozoic Skellefte District, northern Sweden 58(1-4) 143-167: [1992]

Weijermars, Ruud see Stephens, Michael B. 79(3-4) 261-279: [1996]

Welke, H. J. see Armstrong, R. A. 53(3-4) 243-266: [1991]

Wendt, J. I. see Kroner, A. 78(1-3) 105-124: [1996]

Wendt, J. I. and Collerson, K. D. Early Archaean U/Pb fractionation and timing of late Archaean high-grade metamorphism in the Saglek-Hebron segment of the North Atlantic Craton 93(4) 281-297: [1999]

Wetherley, Simon see Arnold, Jo 71(1-4) 183-205: [1995]

White, Richard W. and Clarke, Geoffrey L. Timing of Proterozoic deformation and magmatism in a tectonically reworked orogen, Rayner Complex, Colbeck Archipelago, East Antarctica 63(1-2) 1-26: [1993]

White, S. H. see Zegers, T. E. 80(1-2) 89-105: [1996]

White, S. H. see Davids, C. 83(4) 221-242: [1997]

White, S. H. see van Haaften, W. M. 88(1-4) 53-66: [1998]

White, S. H. see Zegers, T. E. 88(1-4) 233-247: [1998]

Whitehouse, Martin J. see Ashwal, Lewis D. 56(1-2) 73-87: [1992]

Whitehouse, Martin J. see Pimentel, Marcio M. 81(3-4) 299-310: [1997]

Whitehouse, Martin J. and Friend, C. R. L. Professor Stephen Moorbath, F.R.S.; a retirement tribute 91(3-4) 229-231: [1998]

Whitehouse, Martin J. (editor) and Friend, Clark R. L. (editor) Isotopes and crustal evolution; special volume to honour Stephen Moorbath 91(3-4) 229-456: [1998]

Whitehouse, Martin J., Kalsbeek, Feiko and Nutman, Allen P. Crustal growth and crustal recycling in the Nagssugtoqidian Orogen of West Greenland; constraints from radiogenic isotope systematics and U-Pb zircon geochronology 91(3-4) 365-381: [1998]

Whitford, D. J. see Landenberger, B. 71(1-4) 251-263: [1995]

Whitney, Philip R. Charnockites and granites of western Adirondacks, New York, USA; a differentiated A-type suite 57(1-2) 1-19: [1992]

Whittaker, S. G., Sami, T. T., Kyser, T. K. and James, N. P. Petrogenesis of 1.9 Ga limestones and dolostones and their record of Paleoproterozoic environments 90(3-4) 187-202: [1998]

Widenfalk, Lennart see Skiold, Torbjorn 64(1-4) 225-238: [1993]

Wiebe, Robert A. see Ashwal, Lewis D. 56(1-2) 73-87: [1992]

Wiedenbeck, Michael and Watkins, Keith P. A time scale for granitoid emplacement in the Archean Murchison Province, Western Australia, by single zircon geochronology 61(1-2) 1-26: [1993]

Wiedenbeck, Michael (reviewer) India and Antarctica during the Precambrian [book review] 82(3-4) 350-351: [1997]

Wiedenbeck, Michael see Mishra, S. 93(2-3) 139-151: [1999]

Wijbrans, J. R. see Davids, C. 83(4) 221-242: [1997]

Wijbrans, Jan R. see Bingen, Bernard 90(3-4) 159-185: [1998]

Wikman, Hugo see Johansson, Ake 64(1-4) 361-388: [1993]

Wikstrom, A. see Mellqvist, C. 96(3-4) 225-243: [1999]

Wikstrom, Anders Structural features of some younger granitoids in central Sweden and implications for the tectonic subdivision of granitoids 51(1-4) 151-159: [1991]

Wilde, S. A. see Nemchin, A. A. 68(3-4) 307-321: [1994]

Wilde, S. A., Middleton, M. F. and Evans, B. J. Terrane accretion in the southwestern Yilgarn Craton; evidence from a deep seismic crustal profile 78(1-3) 179-196: [1996]

Wilde, S. A. see Pidgeon, R. T. 91(3-4) 309-332: [1998]

Will, Thomas see Schussler, Ulrich 93(2-3) 235-258: [1999]

Williams, George E. and Schmidt, Phillip W. Origin and palaeomagnetism of the Mesoproterozoic Gangau Tilloid (basal Vindhyan Supergroup), central India 79(3-4) 307-325: [1996]

Williams, I. R. see Tyler, I. M. 54(2-4) 211-229: [1992]

Williams, I. S. see Armstrong, R. A. 53(3-4) 243-266: [1991]

Williams, I. S. see Kroner, A. 66(1-4) 151-181: [1994]

Williams, I. S. see Collins, W. J. 71(1-4) 91-105: [1995]

Williams, I. S. see Lafrance, B. 72(1-2) 43-67: [1995]

Williams, I. S. see Mueller, Paul A. 78(1-3) 41-52: [1996]

Williams, Ian S. see Nutman, Allen P. 52(3-4) 275-300: [1991]

Williams, Ian S. see Claesson, Stefan 64(1-4) 109-130: [1993]

Williams, Ian S. see Collins, William J. 71(1-4) 69-89: [1995]

Williams, Michael L. see Bauer, Paul W. 67(3-4) 349-356: [1994]

Williams, P. R. and Currie, K. L. Character and regional implications of the sheared Archaean granite–greenstone contact near Leonora, Western Australia 62(3) 343-365: [1993]

Williams, P. R. see Swager, C. P. 83(1-3) 43-56: [1997]

Willigers, Bart J. A. see Nijman, Wouter 88(1-4) 83-108: [1998]

Willigers, Bart J. A. see Nijman, Wouter 95(3-4) 275, 277-302: [1999]

Wilson, Allan H. and Versfeld, J. Adrian The early Archaean Nondweni greenstone belt, southern Kaapvaal Craton, South Africa; Part I, Stratigraphy, sedimentology, mineralization and depositional environment 67(3-4) 243-276: [1994]

Wilson, Allan H. and Versfeld, J. Adrian The early Archaean Nondweni greenstone belt, southern Kaapvaal Craton, South Africa; Part II, Characteristics of the volcanic rocks and constraints on magma genesis 67(3-4) 277-320: [1994]

Wilson, C. J. L. see Dirks, P. H. G. M. 65(1-4) 277-295: [1994]

Wilson, C. J. L. see Dirks, P. H. G. M. 75(3-4) 189-207: [1995]

Wilson, Terry J. see Hanson, Richard E. 63(3-4) 189-209: [1993]

Wilton, Derek H. C. Palaeoproterozoic, ~1.88–2.0 Ga, organic matter from the Mugford/Kaumajet Mountain Group, northern Labrador 77(1-2) 131-141: [1996]

Windley, Brian F. (reviewer) The Indian Precambrian [book review] 99(1-2) 147: [2000]

Wingate, Michael T. D., Campbell, Ian H., Compston, William and Gibson, George M. Ion microprobe U-Pb ages for Neoproterozoic-basaltic magmatism in south-central Australia and implications for the breakup of Rodinia 87(3-4) 135-159: [1998]

Wingate, Michael T. D. see Evans, David A. D. 100(1-3) 313-334: [2000]

Wingate, Michael T. D. and Giddings, John W. Age and palaeomagnetism of the Mundine Well dyke swarm, Western Australia; implications for an Australia-Laurentia connection at 755 Ma 100(1-3) 335-357: [2000]

Winter, Bryce L. and Knauth, L. Paul Stable isotope geochemistry of early Proterozoic carbonate concretions in the Animikie Group of the Lake Superior region; evidence for anaerobic bacterial processes 54(2-4) 131-151: [1992]

Winter, Bryce L. and Knauth, L. Paul Stable isotope geochemistry of cherts and carbonates from the 2.0 Ga Gunflint Iron Formation; implications for the depositional setting, and the effects of diagenesis and metamorphism 59(3-4) 283-313: [1992]

Winter, H. de la R. see Cheney, E. S. 74(4) 203-223: [1995]

Winter, H. de la R. see Eriksson, Patrick G. 81(1-2) 145-149: [1997]

Witt, W. K. see Morris, P. A. 83(1-3) 83-107: [1997]

Witt, W. K. and Davy, R. Geology and geochemistry of Archaean granites in the Kalgoorlie region of the Eastern Goldfields, Western Australia; a syn-collisional tectonic setting? 83(1-3) 133-183: [1997]

Witt, W. K. see Smithies, R. H. 83(1-3) 185-201: [1997]

Witt, W. K. The Archaean Ravensthorpe Terrane, Western Australia; synvolcanic Cu-Au mineralization in a deformed island arc complex 96(3-4) 143-181: [1999]

Wizevich, M. see Dilliard, K. A. 97(1-2) 115-134: [1999]

Wobus, R. A. see Smith, D. R. 98(3-4) 271-305: [1999]

Wodicka, N. see Meldrum, A. 82(3-4) 265-285: [1997]

Wodicka, N. see St-Onge, M. R. 93(1) 27-49: [1999]

Wolde, Begashaw Tonalite-trondhjemite-granite genesis by partial melting of newly underplated basaltic crust; an example from the Neoproterozoic Birbir magmatic arc, western Ethiopia 76(1-2) 3-14: [1996]

Wolde, Begashaw, Asres, Zemene, Desta, Zerihun and Gonzalez, Julio J. Neoproterozoic zirconium-depleted boninite and tholeiitic series rocks from Adola, southern Ethiopia 80(3-4) 261-279: [1996]

Wooden, Joseph L. see Mogk, David W. 55(1-4) 155-168: [1992]

Wooden, Joseph L. see Ashwal, Lewis D. 56(1-2) 73-87: [1992]

Wooden, Joseph L. see Aleinikoff, John N. 63(1-2) 97-122: [1993]

Wooden, Joseph L. see Mueller, Paul A. 78(1-3) 41-52: [1996]

Wooden, Joseph L. see Mueller, Paul A. 91(3-4) 295-307: [1998]

Worku, Hailu and Schandelmeier, Heinz Tectonic evolution of the Neoproterozoic Adola Belt of southern Ethiopia; evidence for a Wilson cycle process and implications for oblique plate collision 77(3-4) 179-210: [1996]

Wu, Tsai-Way see Lumbers, S. B. 53(3-4) 199-231: [1991]

Wu Jiahong see Sun, Min 62(1-2) 171-190: [1993]

Wu Jiashan see Song Biao 78(1-3) 79-94: [1996]

Wyman, D. A. A 2.7 Ga depleted tholeiite suite: evidence of plume-arc interaction in the Abitibi greenstone belt, Canada 97(1-2) 27-42: [1999]

Wyman, Derek A. see Polat, Ali 94(3-4) 139-173: [1999]

Xiao, Shuhai, Knoll, Andrew H., Kaufman, Alan J., Yin Leiming and Yun Zhang Neoproterozoic fossils in Mesoproterozoic rocks? Chemostratigraphic resolution of a biostratigraphic conundrum from the North China Platform 84(3-4) 197-220: [1997]

Xie Qianli see Gao Shan 80(1-2) 23-48: [1996]

Xing Fengming see Li Xianhua 81(1-2) 129-144: [1997]

Xue Yaosong see Yang Jiedong 93(2-3) 215-233: [1999]

Yamashita, Katsuyuki, Creaser, Robert A., Jensen, Joanne E. and Heaman, Larry M. Origin and evolution of mid- to late-Archean crust in the Hanikahimajuk Lake area, Slave Province, Canada; evidence from U-Pb geochronological, geochemical and Nd-Pb isotopic data 99(3-4) 197-224: [2000]

Yang, Haiming, Kyser, Kurt and Ansdell, Kevin Geochemical and Nd isotopic compositions of the metasedimentary rocks in the La Ronge Domain, Trans-Hudson Orogen, Canada; implications for evolution of the domain 92(1) 37-64: [1998]

Yang Jiedong, Sun Weiguo, Wang Zongzhe, Xue Yaosong and Tao Xiancong Variations in Sr and C isotopes and Ce anomalies in successions from China; evidence for the oxygenation of Neoproterozoic seawater? 93(2-3) 215-233: [1999]

Yao Yupeng see Zhao Yue 75(3-4) 175-188: [1995]

Yin Leiming and Sun Weiguo Microbiota from the Neoproterozoic Liulaobei Formation in the Huainan region, northern Anhui, China 65(1-4) 95-114: [1994]

Yin Leiming see Xiao, Shuhai 84(3-4) 197-220: [1997]

Yin Leiming and Guan Baode Organic-walled microfossils of Neoproterozoic Dongjia Formation, Lushan County, Henan Province, North China 94(1-2) 121-137: [1999]

York, Derek see Lopez-Martinez, Margarita 57(1-2) 91-119: [1992]

York, Derek see Hu, Qiang 91(3-4) 287-294: [1998]

Yoshida, M. and Santosh, M. A tectonic perspective of incipient charnockites in East Gondwana 66(1-4) 379-392: [1994]

Young, D. N., Fanning, C. M., Shaw, Russell D., Edgoose, C. J., Blake, D. H., Page, R. W. and Camacho, A. U-Pb zircon dating of tectonomagmatic events in the northern Arunta Inlier, central Australia 71(1-4) 45-68: [1995]

Young, D. N., Zhao, Jian-xin, Ellis, D. J. and McCulloch, Malcolm T. Geochemical and Sr-Nd isotopic mapping of source provinces for the Mawson charnockites, East Antarctica; implications for Proterozoic tectonics and Gondwana reconstruction 86(1-2) 1-19: [1997]

Young, G. J. see Lowell, Gary R. 95(1-2) 69-88: [1999]

Young, G. M. see Fedo, C. M. 84(1-2) 17-36: [1997]

Young, Grant M. see Panahi, Alireza 85(1-2) 81-96: [1997]

Young, Grant M. see Fedo, Christopher M. 86(3-4) 201-223: [1997]

Yun Zhang and Hoffmann, Lucien Blue-green algal mats of the salinas in San-ya, Hai-nan Island (China); structure, taxonomic composition, and implications for the interpretation of Precambrian stromatolites 56(3-4) 275-290: [1992]

Yun Zhang see Xiao, Shuhai 84(3-4) 197-220: [1997]

Zang, Wenlong and Walter, M. R. Late Proterozoic and Early Cambrian microfossils and biostratigraphy, northern Anhui and Jiangsu, central-eastern China 57(3-4) 243-323: [1992]

Zang, Wenlong Early Neoproterozoic sequence stratigraphy and acritarch biostratigraphy, eastern Officer Basin, South Australia 74(3) 119-175: [1995]

Zegers, T. E., White, S. H., de Keijzer, M. and Dirks, P. Extensional structures during deposition of the 3460 Ma Warrawoona Group in the eastern Pilbara Craton, Western Australia 80(1-2) 89-105: [1996]

Zegers, T. E., de Keijzer, M., Passchier, C. W. and White, S. H. The Mulgandinnah shear zone; an Archean crustal scale strike-slip zone, eastern Pilbara, Western Australia 88(1-4) 233-247: [1998]

Zhai, M. see Dostal, J. 56(1-2) 33-49: [1992]

Zhang, Guowei, Hattori, Keiko and Cruden, Alexander R. Structural evolution of auriferous deformation zones at the Campbell Mine, Red Lake greenstone belt, Superior Province of Canada 84(1-2) 83-103: [1997]

Zhang, S. see Li, R. 97(1-2) 59-75: [1999]

Zhang Benren see Gao Shan 80(1-2) 23-48: [1996]

Zhang Jiasheng, Dirks, Paul H. G. M. and Passchier, Cees W. Extensional collapse and uplift in a polymetamorphic granulite terrain in the Archaean and Palaeoproterozoic of North China 67(1-2) 37-57: [1994]

Zhang Qi Rui and Piper, J. D. A. Palaeomagnetic study of Neoproterozoic glacial rocks of the Yangzi Block; palaeolatitude and configuration of South China in the late Proterozoic supercontinent 85(3-4) 173-199: [1997]

Zhang Zongqing see Zhao Yue 75(3-4) 175-188: [1995]

Zhao, Guochun, Cawood, Peter and Lu Liangzhao Petrology and P-T history of the Wutai amphibolites; implications for tectonic evolution of the Wutai Complex, China 93(2-3) 181-199: [1999]

Zhao, Jian-xin and Cooper, John A. The Atnarpa igneous complex, Southeast Arunta Inlier, central Australia; implications for subduction at an early-mid Proterozoic continental margin 56(3-4) 227-253: [1992]

Zhao, Jian-xin Geochemical and Sm-Nd isotopic study of amphibolites in the southern Arunta Inlier, central Australia; evidence for subduction at a Proterozoic continental margin 65(1-4) 71-94: [1994]

Zhao, Jian-xin and Bennett, Victoria C. SHRIMP U-Pb zircon geochronology of granites in the Arunta Inlier, central Australia; implications for Proterozoic crustal evolution 71(1-4) 17-43: [1995]

Zhao, Jian-xin and McCulloch, Malcolm T. Geochemical and Nd isotopic systematics of granites from the Arunta Inlier, central Australia; implications for Proterozoic crustal evolution 71(1-4) 265-299: [1995]

Zhao, Jian-xin, Ellis, David J., Kilpatrick, Jonathan A. and McCulloch, Malcolm T. Geochemical and Sr-Nd study of charnockites and related rocks in the northern Prince Charles Mountains, East Antarctica; implications for charnockite petrogenesis and Proterozoic crustal evolution 81(1-2) 37-66: [1997]

Zhao, Jian-xin see Young, D. N. 86(1-2) 1-19: [1997]

Zhao Jianxin see Li Xianhua 81(1-2) 129-144: [1997]

Zhao Rui see Shen Yanan 89(1-2) 77-86: [1998]

Zhao Yue, Liu Xiaohan, Song Biao, Zhang Zongqing, Li Jiliang, Yao Yupeng and Wang Yanbing Constraints on the stratigraphic age of metasedimentary rocks from the Larsemann Hills, East Antarctica; possible implications for Neoproterozoic tectonics 75(3-4) 175-188: [1995]

Zhou Guoqin see Li Xianhua 81(1-2) 129-144: [1997]

Zhou Shaoping see Wang Kaiyi 78(1-3) 95-103: [1996]

Zhu Shixing and Chen Huineng Characteristics of Palaeoproterozoic stromatolites in China 57(1-2) 135-163: [1992]

Zhuravlev, D. Z. see Puchtel, I. S. 62(4) 399-417: [1993]

Ziehlke, D. V. see Ayres, L. D. 51(1-4) 27-50: [1991]

Zolotov, A. N. see Surkov, V. S. 54(1) 37-44: [1991]

Zui, V. I. see Cermak, V. 64(1-4) 53-65: [1993]

ELSEVIER

Precambrian Research 100 (2000) 515–638

Precambrian Research

www.elsevier.com/locate/precamres

Subject Index

Precambrian Research, Volumes 51–100, 1991–2000

Subject Index, Volumes 51-100

A-type granites
Brazil 80(3-4) 217-238; 95(1-2) 9-39
Burundi 68(3-4) 323-356
China, geochemistry 80(1-2) 23-48
Colorado 98(3-4) 271-305
Egypt, geochemistry 82(3-4) 211-236
Europe 95(1-2) 129-146
Greenland, structural geology 72(3-4) 301-315
Israel 92(2) 195-213
New York 57(1-2) 1-19
Ontario 53(3-4) 199-231
Russian Federation, geochemistry 92(3) 223-250
Seychelles, tectonophysics 69(1-4) 281-292
South Africa, tectonophysics 97(3-4) 303-323
Sweden 95(1-2) 147-166
Abean Orogeny *see* Hercynian Orogeny
Abitibi Belt *see also* Blake River Group; Timiskaming Group
geochemistry 91(1-2) 109-142
petrology 52(1-2) 71-96; 62(3) 285-305; 78(1-3) 53-63; 97(1-2) 27-42
tectonophysics 63(1-2) 59-81; 65(1-4) 183-205
Absaroka Range *see* Beartooth Mountains
absolute age *see also* Ar/Ar; K/Ar; Nd/Nd; Pb/Pb; Rb/Sr; Sm/Nd; Sr/Sr; Th/U; thermochronology; U/Pb; U/Th/Pb; uranium disequilibrium
54(2-4) 323
Australia 71(1-4) 1-346
Canada, orogeny 86(3-4) 117-154
India, petrology 83(4) 267-290
Mozambique, tectonics 62(1-2) 1-59
Ontario, geochemistry 74(1-2) 73-89
petrology 95(1-2) 1-7
South Africa, Archean 53(3-4) 243-266
Abu Swayel Ophiolite
Proterozoic 59(1-2) 15-32
Abyssinia *see* Ethiopia
abyssolith *see* batholiths
Acaciella australica
Proterozoic 100(1-3) 281-298
accretionary wedges
India, geochemistry 84(3-4) 117-138
Namibia, faults 90(1-2) 1-28
Ontario, petrology 92(2) 117-128
South Africa, faults 90(1-2) 1-28
tectonophysics 91(1-2) 143-179
Acraman impact structure
Cambrian 100(1-3) 235-280
acritarchs
Arctic region, stratigraphy 53(3-4) 165-197
Australia, Cambrian 100(1-3) 235-280
Benin 57(1-2) 121-133
Brazil, stratigraphy 80(1-2) 125-152
Burkina Faso 57(1-2) 121-133
Canada
Cambrian 73(1-4) 51-70
Proterozoic 100(1-3) 181-211
China 65(1-4) 95-114
Cambrian 57(3-4) 243-323
Proterozoic 84(3-4) 197-220; 94(1-2) 121-137
Greenland 96(1-2) 1-23
India 74(1-2) 91-117
problematic fossils 72(3-4) 171-184
stratigraphy 97(1-2) 99-113
Namibia
Cambrian 73(1-4) 51-70
Proterozoic 100(1-3) 181-211
Northwest Territories 96(1-2) 1-23
Rocky Mountains 61(3-4) 241-278
South Australia
Cambrian 73(1-4) 51-70
Proterozoic 74(3) 119-175; 100(1-3) 181-211
Spitsbergen, stratigraphy 53(3-4) 165-197
actinides *see* thorium; uranium
active margins
Greenland, faults 68(1-2) 65-79
India, geochemistry 84(3-4) 117-138
Labrador, structural geology 81(1-2) 15-35
Namibia, Proterozoic 63(3-4) 247-272
Newfoundland, structural geology 81(1-2) 15-35
Sri Lanka, geochemistry 66(1-4) 223-244
Sweden, orogeny 64(1-4) 225-238
United Kingdom, faults 68(1-2) 65-79
active tectonics *see* neotectonics
actual age (absolute age) *see* absolute age
Adamastor Ocean
tectonophysics 97(3-4) 303-323
adamellite
Finland 95(1-2) 89-107
Northern Territory Australia, Proterozoic 71(1-4) 155-181
South Australia, Proterozoic 71(1-4) 155-181
Adelaide Basin
paleomagnetism 70(1-2) 113-143
Adelaide Geosyncline
Cambrian 100(1-3) 21-63; 100(1-3) 65-95
Proterozoic 92(1) 65-87; 100(1-3) 181-211; 100(1-3) 281-298
stratigraphy 73(1-4) 3-26; 87(3-4) 135-159; 100(1-3) 97-108; 100(1-3) 109-120; 100(1-3) 121-150; 100(1-3) 151-179; 100(1-3) 299-312
Adelaidean
South Australia 100(1-3) 109-120
Adelie Coast
Proterozoic 94(3-4) 205-224
Adirondack Highlands
metamorphism 94(1-2) 73-99
Adirondack Mountains
geochronology 99(1-2) 113-146
petrology 57(1-2) 1-19
Proterozoic 96(3-4) 245-262
Adola Belt
metamorphic rocks 80(3-4) 261-279
structural geology 77(3-4) 179-210
Adrar des Iforas
geochemistry 65(1-4) 55-69
Afghanistan *see* Hindu Kush
Afif Terrane
metal ores 58(1-4) 169-194
tectonophysics 53(1-2) 119-147
Africa *see also* Central Africa; East Africa; North Africa; Pan-African Orogeny; Sahara; Southern Africa; West Africa
Archean
Kaapvaal Craton 53(3-4) 243-266; 55(1-4) 17-31; 74(4) 203-223; 79(1-2) 3-24; 79(1-2) 25-35; 79(1-2) 73-100; 97(3-4) 165-189; 97(3-4) 269-302

Limpopo Belt 55(1-4) 17-31; 91(3-4) 269-285
Reguibat Ridge 90(3-4) 107-117
West African Shield 90(3-4) 107-117
deformation, Limpopo Belt 70(3-4) 191-213
geochemistry 79(1-2) 1-194
Adrar des Iforas 65(1-4) 55-69
Barberton greenstone belt 52(3-4) 301-319
Kaapvaal Craton 54(2-4) 231-256
Limpopo Belt 55(1-4) 353-364; 55(1-4) 365-397; 55(1-4) 451-467
Nubian Shield 82(3-4) 211-236; 96(1-2) 101-124
geochronology, West African Shield 56(1-2) 89-96
gold ores
Kaapvaal Craton 95(3-4) 167-185
West African Shield 89(3-4) 129-143
intrusions
Kaapvaal Craton 55(1-4) 81-92
Limpopo Belt 55(1-4) 81-92
magmas
Kaapvaal Craton 82(1-2) 113-132
Nubian Shield 92(2) 195-213
metal ores 58(1-4) 305-344
Namaqualand 59(1-2) 43-71
metamorphic rocks, Limpopo Belt 55(1-4) 429-449
metamorphism
Kaapvaal Craton 55(1-4) 1-5
Limpopo Belt 55(1-4) 1-5; 55(1-4) 407-427
Mozambique Belt 62(3) 271-283; 74(4) 195-202
Nubian Shield 98(1-2) 107-127
metasomatism, Kaapvaal Craton 92(2) 129-144
paleomagnetism
Great Dyke 69(1-4) 269-280
Limpopo Belt 69(1-4) 269-280
petrology
Barberton greenstone belt 75(1-2) 1-15
Eritrea 86(1-2) 45-58
Kaapvaal Craton 52(1-2) 115-132; 55(1-4) 303-319; 67(3-4) 277-320; 79(1-2) 101-123; 96(1-2) 141-142
Limpopo Belt 55(1-4) 1-587; 55(1-4) 33-45; 55(1-4) 259-277; 55(1-4) 279-296; 55(1-4) 303-319; 55(1-4) 321-325; 55(1-4) 327-336; 55(1-4) 337-352; 78(1-3) 139-150; 87(1-2) 87-115; 93(4) 299-337
Mozambique Belt 86(1-2) 45-58
Namaqualand 70(3-4) 303-335
Nubian Shield 86(1-2) 45-58
Volta Basin 82(3-4) 191-209
West African Shield 80(3-4) 173-191
phase equilibria, Limpopo Belt 55(1-4) 201-207
plate tectonics
Anti-Atlas 54(2-4) 295-319
Red Sea Hills 53(1-2) 99-118
West African Shield 69(1-4) 327-344
Proterozoic, Red Sea Hills 59(1-2) 15-32
sedimentary petrology
Barberton greenstone belt 68(3-4) 257-290
Kaapvaal Craton 67(3-4) 243-276
seismicity, Kalahari Desert 90(3-4) 239-240
stratigraphy 73(1-4) 137-151
Belingwe greenstone belt 97(3-4) 155-164
Kaapvaal Craton 54(2-4) 257-269; 69(1-4) 193-197; 81(1-2) 145-149; 97(3-4) 155-164; 97(3-4) 215-251
Limpopo Belt 77(3-4) 161-178
West African Shield 69(1-4) 113-131
structural geology
East African Rift 98(1-2) 83-105
Kaapvaal Craton 52(1-2) 133-166; 55(1-4) 7-16; 55(1-4) 51-67; 55(1-4) 93-110; 55(1-4) 173-186; 55(1-4) 187-200; 55(1-4) 539-552; 55(1-4) 553-570; 55(1-4) 571-587; 96(3-4) 263-288
Limpopo Belt 55(1-4) 7-16; 55(1-4) 51-67; 55(1-4) 93-110; 55(1-4) 123-153; 55(1-4) 173-186; 55(1-4) 187-200; 55(1-4) 525-538; 55(1-4) 539-552; 55(1-4) 553-570; 55(1-4) 571-587; 61(1-2) 67-88; 96(3-4) 263-288
Mozambique Belt 52(1-2) 179-186; 62(3) 307-322; 75(3-4) 263-277
Namaqualand 52(1-2) 133-166
Orange River 52(1-2) 133-166
West African Shield 87(3-4) 161-216
tectonics
Kaapvaal Craton 55(1-4) 69-80; 55(1-4) 169-172
Limpopo Belt 55(1-4) 69-80; 55(1-4) 169-172
Mozambique Belt 62(1-2) 1-59; 98(1-2) 67-82
West African Shield 86(3-4) 177-199
Zambezi Valley 98(1-2) 67-82
tectonophysics
Kaapvaal Craton 91(1-2) 181-227
Kalahari Desert 97(3-4) 303-323
Mozambique Belt 80(1-2) 77-87
Volta Basin 69(1-4) 307-326
West African Shield 56(1-2) 97-111; 69(1-4) 307-326
volcanism
Anti-Atlas 70(1-2) 25-44
West African Shield 70(1-2) 25-44

aggradation
South Africa
metal ores 79(1-2) 141-169
stratigraphy 97(3-4) 215-251
Agnotozoic *see* Proterozoic
Aguanus Group
structural geology 68(3-4) 291-306
Ahvenisto Batholith
tectonophysics 64(1-4) 273-288
Ahvenisto Complex
petrology 95(1-2) 89-107
Aileron Metamorphics
geochronology 71(1-4) 301-314
Aillik Group
orogeny 86(3-4) 117-154
Air Massif
folds 67(1-2) 59-88
Ajmer India
deformation 65(1-4) 319-339
Akademikerbreen Group
Proterozoic 100(1-3) 181-211; 100(1-3) 281-298
Akia Terrane
petrology 63(3-4) 293-323
Al *see* aluminum
Albany mobile belt
structural geology 59(1-2) 95-123; 75(1-2) 47-63
Albany-Fraser Orogeny
metal ores 58(1-4) 345-354
albite
South Africa, geochemistry 91(3-4) 253-267
albitization
Burundi 68(3-4) 323-356
Cameroon 62(3) 191-205
metal ores 58(1-4) 387-400
Ontario 84(1-2) 17-36
Aldan River
fluid inclusions 62(4) 431-451
intrusions 54(2-4) 195-210; 62(4) 493-505
plate tectonics 89(1-2) 1-23
Aldan Shield
Archean 78(4) 197-210
areal geology 62(4) 373-528
crust 91(3-4) 333-363
fluid inclusions 62(4) 431-451
inclusions 62(4) 507-525
intrusions 54(2-4) 195-210; 62(4) 453-472; 62(4) 493-505
metal ores 58(1-4) 427-446
metamorphism 62(4) 399-417
petrology 62(4) 419-430; 62(4) 473-491
plate tectonics 89(1-2) 1-23
Alegria Syncline
deformation 65(1-4) 25-54

algae *see also* bioherms; cyanobacteria; stromatolites
China 73(1-4) 291-298
Coccolithophoraceae, China 96(3-4) 183-208
Rocky Mountains 61(3-4) 241-278
South Africa, Archean 54(2-4) 271-293
Tasmanites
Greenland 96(1-2) 1-23
Northwest Territories 96(1-2) 1-23
algal mats
Australia, Cambrian 100(1-3) 235-280
China 56(3-4) 275-290
stratigraphy 52(1-2) 167-178
Gabon, paleobotany 81(3-4) 197-221
Rocky Mountains, algae 61(3-4) 241-278
South Australia, Proterozoic 74(3) 119-175
Western Australia, Invertebrata 96(1-2) 25-39
Algeria
structural geology 65(1-4) 155-166
tectonophysics, Tindouf Basin 69(1-4) 307-326
Algoma District Ontario *see* Blind River Ontario; Elliot Lake Ontario
Alice Springs Australia
Cambrian 86(1-2) 93-113
tectonophysics 65(1-4) 71-94
Alice Springs Orogeny *see also* Carboniferous; Devonian
Northern Territory Australia 71(1-4) 315-346
Alinya Formation
Proterozoic 74(3) 119-175
aliphatic hydrocarbons *see* alkanes
alkali basalts *see* trachybasalts
alkali earths *see* alkaline earth metals
alkali feldspar *see* K-feldspar
alkali granites
Brazil 51(1-4) 283-314; 51(1-4) 351-374
Missouri 51(1-4) 245-263
alkali metals *see* cesium; lithium; potassium; rubidium; sodium
alkali syenites
Brazil 51(1-4) 283-314
alkalic granite *see* alkali granites
alkaline earth metals *see also* barium; calcium; magnesium; strontium
India, geochemistry 76(1-2) 77-91
alkanes *see* methane; phytane; pristane
allanite
India, geochronology 94(3-4) 251-271
Ontario, geochemistry 82(3-4) 265-285
Alldays Gneiss
petrology 93(4) 299-337
allostratigraphy
Canada 73(1-4) 101-121
alloys *see* electrum
alluvial fans
South Africa, stratigraphy 97(3-4) 215-251
Alpine Orogeny
Romania, orogeny 80(3-4) 281-301
Alto Candeias Intrusive Suite
petrology 95(1-2) 41-67
aluminum
Canadian Shield, geochemistry 94(3-4) 139-173
Western Australia, geochemistry 80(1-2) 49-76
Amadeus Basin
Cambrian 86(1-2) 93-113
geochronology 71(1-4) 229-250
Proterozoic 71(1-4) 155-181; 73(1-4) 173-195; 92(1) 65-87; 100(1-3) 181-211; 100(1-3) 281-298
stratigraphy 73(1-4) 3-26; 96(1-2) 63-82; 100(1-3) 151-179
Amal Formation
tectonophysics 92(3) 297-315
Amal-Horred Belt
structural geology 70(3-4) 235-251
Amalia greenstone belt
volcanism 61(1-2) 117-136
Amatava shear zone
structural geology 55(1-4) 123-153
Amazon Basin
petrology 95(1-2) 9-39; 95(1-2) 41-67
plate tectonics 76(3-4) 213-227
Amazonas Venezuela
tectonics 85(1-2) 1-25
Amazonian Orogeny *see* Transamazonian Orogeny
Amazonian Shield *see* Brazilian Shield
amber mica *see* phlogopite
Ambrosio Pluton
structural geology 84(3-4) 139-162
amino acids
paleontology 56(1-2) 159-166
Ammassalik Greenland
Archean 62(3) 239-270
Amnunnakta Massif
intrusions 62(4) 453-472
amphibole group *see also* clinoamphibole; orthoamphibole
Brazil, structural geology 81(3-4) 241-264; 97(1-2) 3-26; 99(1-2) 1-32
amphibolite facies
Antarctic Ocean, metamorphism 89(3-4) 175-205
Antarctica
foliation 65(1-4) 277-295
geochemistry 75(3-4) 157-174
metamorphic rocks 93(2-3) 235-258
orogeny 75(3-4) 231-250
structural geology 63(3-4) 273-291
Australia, petrology 81(1-2) 37-66
Baltic region, crust 64(1-4) 289-294
Brazil
gold ores 68(1-2) 139-167
petrology 68(3-4) 241-255
Proterozoic 59(3-4) 263-282
structural geology 79(3-4) 347-361; 92(3) 251-275; 97(1-2) 3-26
Canadian Shield, geochemistry 65(1-4) 115-153
China, intrusions 56(1-2) 1-31
Ethiopia
metamorphic rocks 80(3-4) 261-279
structural geology 62(3) 307-322
Europe, tectonophysics 64(1-4) 169-187
Ghana
foliation 82(1-2) 153-171
geochemistry 98(1-2) 11-30
Greenland
gold ores 62(1-2) 61-82
petrology 63(3-4) 293-323; 86(1-2) 59-70
tectonophysics 91(3-4) 365-381
India
geochemistry 84(3-4) 117-138
geochronology 78(4) 261-272
petrology 66(1-4) 379-392; 83(4) 267-290
Labrador
metamorphic rocks 75(1-2) 91-118
petrology 63(3-4) 293-323
structural geology 70(3-4) 169-190
Malawi, structural geology 62(3) 207-226
Manitoba
geochemistry 92(1) 37-64
structural geology 72(1-2) 147-167
Mozambique, structural geology 62(3) 307-322
New South Wales Australia, geochronology 71(1-4) 251-263
Newfoundland
metamorphic rocks 75(1-2) 91-118
petrology 63(3-4) 293-323
structural geology 70(3-4) 169-190
Niger, folds 67(1-2) 59-88
Northern Territory Australia
geochronology 71(1-4) 207-227; 71(1-4) 229-250
metamorphism 71(1-4) 183-205
Proterozoic 71(1-4) 3-15; 71(1-4) 155-181; 71(1-4) 315-346
Northwest Territories, structural geology 93(1) 27-49
Norway, petrology 64(1-4) 347-360
Ontario
petrology 92(2) 117-128
structural geology 77(1-2) 41-57
Quebec
metamorphic rocks 90(1-2) 59-83

structural geology 93(1) 27-49
tectonophysics 63(1-2) 59-81
Romania, orogeny 80(3-4) 281-301
Russian Federation
intrusions 54(2-4) 195-210; 62(4) 493-505
petrology 62(4) 419-430; 62(4) 473-491
Saskatchewan
geochemistry 92(1) 37-64
structural geology 72(1-2) 147-167
Scandinavia, crust 64(1-4) 289-294
South Africa
geochemistry 55(1-4) 365-397
metal ores 77(3-4) 243-271
petrology 55(1-4) 33-45
structural geology 55(1-4) 123-153
South Australia, Proterozoic 71(1-4) 155-181
Sri Lanka
geochronology 66(1-4) 123-149
petrology 66(1-4) 3-18; 66(1-4) 351-377; 66(1-4) 379-392
plate tectonics 66(1-4) 77-91
structural geology 66(1-4) 39-57
Sweden
iron ores 54(2-4) 109-130
petrology 64(1-4) 347-360
Proterozoic 79(3-4) 239-259; 92(4) 319-339
Tanzania, structural geology 62(3) 207-226; 93(1) 119-137
Texas, petrology 94(1-2) 49-72
Togo, foliation 82(1-2) 153-171
Western Australia
gold ores 88(1-4) 249-265
magmas 83(1-3) 203-219
metal ores 96(3-4) 143-181
metamorphism 83(4) 243-265
petrology 83(4) 221-242
Proterozoic 71(1-4) 3-15
structural geology 75(1-2) 47-63; 78(1-3) 179-196; 83(1-3) 57-81; 85(3-4) 147-171; 90(3-4) 141-158
tectonics 88(1-4) 207-231
Zimbabwe
geochemistry 81(3-4) 179-196
petrology 55(1-4) 33-45; 55(1-4) 259-277
tectonics 98(1-2) 67-82

amphibolites
51(1-4) 1-25
Afghanistan 98(3-4) 223-241
Antarctica, Mesozoic 75(3-4) 251-262
Arabian Peninsula 86(1-2) 45-58
Arctic Ocean, structural geology 64(1-4) 131-152
Brazil, Proterozoic 59(3-4) 263-282
Cameroon 62(3) 191-205
Central African Republic 68(1-2) 97-113
China 56(1-2) 1-31; 93(2-3) 181-199
Proterozoic 62(1-2) 171-190
Ethiopia 62(3) 271-283; 76(1-2) 3-14
structural geology 52(1-2) 179-186
Finland 59(3-4) 171-205
Greenland 78(1-3) 1-39
geochemistry 94(1-2) 101-120
stratigraphy 69(1-4) 51-60
India 83(4) 267-290
geochemistry 87(1-2) 75-85
sedimentary petrology 70(1-2) 93-112
Korea 89(1-2) 47-57
Labrador 78(4) 303
Proterozoic 99(1-2) 65-90
Mozambique 62(3) 271-283
Newfoundland 78(4) 303
Proterozoic 99(1-2) 65-90
Northern Territory Australia, tectonophysics 65(1-4) 71-94
Norway 52(1-2) 97-113; 53(3-4) 233-242
Ontario, geochemistry 74(1-2) 73-89; 85(1-2) 97-113
Red Sea region 86(1-2) 45-58
Rocky Mountains 78(1-3) 41-52
Romania, orogeny 80(3-4) 281-301
Russian Federation 62(4) 375-397; 62(4) 399-417; 62(4) 431-451
crust 91(3-4) 333-363
Seychelles, tectonophysics 69(1-4) 281-292
South Africa, plate tectonics 86(1-2) 71-92
Sri Lanka, geochemistry 66(1-4) 183-198
Sweden, Proterozoic 79(3-4) 239-259; 92(4) 319-339
Tanzania 77(1-2) 105-115
Ukraine 78(1-3) 65-78
United States, tectonophysics 65(1-4) 71-94
Western Australia
gold ores 88(1-4) 249-265
structural geology 83(1-3) 83-107
Zimbabwe, geochemistry 81(3-4) 179-196

amphibolization *see* amphibolitization

Amram Massif
magmas 92(2) 195-213

Amsaga Mauritania
Archean 90(3-4) 107-117

Ana Sagar Gneiss
deformation 65(1-4) 319-339

Anantapur India
Proterozoic 79(3-4) 363-369

anatexis
Brazil, petrology 51(1-4) 351-374; 78(1-3) 151-164
Cameroon, petrology 62(3) 191-205
Finland, metal ores 51(1-4) 265-281
France, petrology 51(1-4) 393-427
geochemistry 51(1-4) 429-468
Greenland, petrology 78(1-3) 1-39
New Jersey, petrology 51(1-4) 115-125
petrology 51(1-4) 161-172
Proterozoic 51(1-4) 337-350
Russian Federation, fluid inclusions 62(4) 431-451
South Africa, magmas 82(1-2) 113-132
South Australia, Proterozoic 94(3-4) 205-224
Sweden, metal ores 51(1-4) 265-281

ancient ice ages
China
paleomagnetism 94(1-2) 1-10; 100(1-3) 313-334
Proterozoic 94(1-2) 121-137
Far East, paleomagnetism 70(1-2) 113-143
Himalayas, paleomagnetism 70(1-2) 113-143
India, stratigraphy 79(3-4) 307-325
South Australia, stratigraphy 100(1-3) 151-179
stratigraphy 100(1-3) 3-20

Andes
Proterozoic 96(3-4) 245-262

andesites *see also* boninite
Africa 67(3-4) 277-320
sedimentary petrology 67(3-4) 243-276
Arizona 65(1-4) 255-276
India, geochemistry 76(1-2) 77-91; 84(1-2) 105-111
Kenya, stratigraphy 69(1-4) 113-131
Mali, geochemistry 65(1-4) 55-69
Morocco 53(1-2) 79-97
Ontario, sedimentary petrology 68(1-2) 23-42
South Africa 79(1-2) 101-123
Sweden
geochemistry 64(1-4) 239-252
structural geology 72(3-4) 199-225
Uruguay 74(3) 177-194
Western Australia 52(3-4) 245-273
Archean 79(1-2) 3-24
metal ores 98(3-4) 243-270

Andhra Pradesh India *see* Anantapur India; Cuddapah Basin

Andrelandia Domain
structural geology 79(3-4) 347-361

Angliers shear zone
foliation 68(3-4) 183-200

Angola
stratigraphy 59(1-2) 1-13

angular unconformities
South Africa, sedimentary petrology 68(3-4) 257-290
Western Australia, Proterozoic 99(1-2) 33-64

Anhui China
Cambrian 57(3-4) 243-323

paleobotany 65(1-4) 95-114
plate tectonics 81(1-2) 129-144
anhydrite
Oman, energy sources 54(1) 1-14
anhysteretic remanent magnetization
Brazil, petrology 99(3-4) 309-325
Western Australia, stratigraphy 69(1-4) 133-155
Animikie Basin
geochemistry 59(3-4) 283-313
Animikie Group *see* Gunflint Iron Formation
ankerite
Ontario, geochemistry 59(3-4) 283-313
Anmatjira Range
Proterozoic 71(1-4) 69-89; 71(1-4) 91-105
Annabelle Volcanics
metal ores 96(3-4) 143-181
anorogenic granites *see* A-type granites
anorthosite *see also* meta-anorthosite
51(1-4) 173-192
Bolivia 94(1-2) 73-99
California 70(1-2) 1-24
Canada, orogeny 86(3-4) 117-154
Chile 94(1-2) 73-99
Finland 95(1-2) 89-107
Proterozoic 51(1-4) 227-243
tectonophysics 64(1-4) 273-288
India 66(1-4) 393-409
Labrador, structural geology 70(3-4) 169-190
Mexico 94(1-2) 73-99
Newfoundland, structural geology 70(3-4) 169-190
Quebec 79(3-4) 327-346
Russian Federation, tectonophysics 64(1-4) 273-288
South Africa 78(1-3) 139-150
Texas 94(1-2) 73-99
Anshan China
crust 78(1-3) 79-94
Antarctic Continent *see* Antarctica
Antarctic Ocean
metamorphism, Prydz Bay 89(3-4) 175-205
structural geology, Prydz Bay 75(3-4) 189-207
Antarctica
fluid inclusions, Prince Charles Mountains 66(1-4) 309-323
foliation
Prince Charles Mountains 65(1-4) 277-295
Vestfold Hills 65(1-4) 277-295
geochemistry, Wilson Terrane 75(3-4) 157-174
geochronology 75(3-4) 175-188; 94(3-4) 251-271
Mesozoic 75(3-4) 251-262
metamorphic rocks
Transantarctic Mountains 93(2-3) 235-258
Wilson Terrane 93(2-3) 235-258
metamorphism
Vestfold Hills 89(3-4) 175-205
Wilson Terrane 75(3-4) 141-156
orogeny, Queen Maud Land 75(3-4) 231-250
paleomagnetism, Enderby Land 74(4) 225-244
petrology 63(1-2) 1-26; 66(1-4) 379-392
Prince Charles Mountains 81(1-2) 37-66
plate tectonics 69(1-4) 293-306; 82(1-2) 173-175; 85(3-4) 241-242
Proterozoic, Adelie Coast 94(3-4) 205-224
structural geology 59(1-2) 95-123; 63(3-4) 273-291; 75(3-4) 189-207
Lutzow-Holm Bay 75(3-4) 263-277
Queen Maud Land 75(3-4) 209-229
tectonics 75(3-4) 119-277; 86(1-2) 1-19
Vestfold Hills 75(3-4) 121-139
tectonophysics 80(1-2) 77-87; 82(3-4) 350-351
anthophyllite
Ontario, geochemistry 52(1-2) 53-69
South Africa
geochemistry 55(1-4) 353-364
petrology 55(1-4) 327-336
Zimbabwe, geochemistry 55(1-4) 353-364
Anti-Atlas
plate tectonics 54(2-4) 295-319
volcanism 70(1-2) 25-44
anticlines
Morocco, plate tectonics 54(2-4) 295-319
South Africa, tectonophysics 97(3-4) 303-323
antiform folds
India 72(3-4) 283-299
metal ores 58(1-4) 387-400
Quebec 68(3-4) 183-200
South Africa, metal ores 79(1-2) 141-169
Western Australia 83(1-3) 57-81
Antigonish Highlands
magmas 76(1-2) 93-113
Aouzegueur Terrane
folds 67(1-2) 59-88
apatite
Antarctica, Mesozoic 75(3-4) 251-262
China, geochemistry 89(1-2) 77-86
geochemistry 61(3-4) 209-229
India, metal ores 58(1-4) 71-83
Scotland, geochronology 91(3-4) 401-418
South Africa
geochemistry 91(3-4) 253-267
petrology 87(1-2) 87-115
Western Australia, petrology 96(1-2) 125-139
Zimbabwe, petrology 87(1-2) 87-115
apatite ores *see* phosphate deposits
Aphebian *see* Hurwitz Group
Apiai Domain
structural geology 98(1-2) 31-51
aplite
Labrador, orogeny 80(3-4) 239-260
Missouri 95(1-2) 69-88
Newfoundland, orogeny 80(3-4) 239-260
Ontario 53(3-4) 199-231
Proterozoic 51(1-4) 337-350
Western Australia, structural geology 59(1-2) 95-123
Appalachians *see also* Avalon Zone
geochemistry 59(3-4) 243-262
Blue Ridge Province 84(1-2) 37-62
geochronology
Blue Ridge Province 99(1-2) 113-146
Hudson Highlands 99(1-2) 113-146
petrology 51(1-4) 115-125
Blue Ridge Province 59(1-2) 33-42
Proterozoic, Blue Ridge Province 68(1-2) 81-95; 97(1-2) 115-134
structural geology 53(1-2) 41-78
apparent polar wandering
Australia, stratigraphy 85(3-4) 173-199
Canada, tectonics 90(1-2) 85-101
Canadian Shield, stratigraphy 69(1-4) 1-10
China
paleomagnetism 94(1-2) 1-10
stratigraphy 85(3-4) 173-199
Europe, paleomagnetism 69(1-4) 25-50
Finland, paleomagnetism 74(4) 245-252
India, stratigraphy 76(1-2) 31-46; 79(3-4) 307-325; 80(3-4) 193-204
Northern Territory Australia, stratigraphy 72(1-2) 1-41
Norway, stratigraphy 69(1-4) 81-93
Queensland Australia, stratigraphy 72(1-2) 1-41
Russian Federation
paleomagnetism 74(4) 245-252; 93(2-3) 201-213
stratigraphy 69(1-4) 81-93
South Africa, paleomagnetism 69(1-4) 229-240
Sweden, tectonophysics 69(1-4) 61-79
Yukon Territory, tectonophysics 69(1-4) 95-112
Zimbabwe, paleomagnetism 69(1-4) 269-280
Ar Rayn Terrane
metal ores 58(1-4) 169-194
Ar/Ar
Antarctica, Mesozoic 75(3-4) 251-262
Brazil
petrology 93(2-3) 153-180
structural geology 81(3-4) 241-264; 86(3-4) 155-176; 99(1-2) 1-32

China, tectonics 78(1-3) 95-103
Ghana, foliation 82(1-2) 153-171
India
geochronology 94(3-4) 251-271
magmas 99(3-4) 225-254
Israel, metamorphism 98(1-2) 107-127
Namibia, faults 90(1-2) 1-28
New Mexico, structural geology 84(1-2) 1-15
Northern Territory Australia
geochronology 71(1-4) 207-227; 71(1-4) 229-250
Proterozoic 71(1-4) 315-346
Norway, geochronology 57(3-4) 195-206; 90(3-4) 159-185
Ontario
petrology 91(3-4) 287-294
structural geology 77(1-2) 41-57
Scotland, geochronology 91(3-4) 401-418
South Africa
faults 90(1-2) 1-28
geochronology 57(1-2) 91-119
plate tectonics 86(1-2) 71-92
Sweden, Proterozoic 79(3-4) 239-259; 92(4) 319-339
Tanzania, structural geology 93(1) 119-137
Texas, petrology 94(1-2) 49-72
Togo, foliation 82(1-2) 153-171
Uruguay, petrology 93(2-3) 153-180
Western Australia
petrology 83(4) 221-242
tectonics 88(1-4) 207-231
Zimbabwe
deformation 70(3-4) 191-213
tectonics 98(1-2) 67-82
Arabian Desert *see* Eastern Desert
Arabian Gulf *see* Persian Gulf
Arabian Peninsula *see also* Oman; United Arab Emirates
geochemistry, Arabian Shield 96(1-2) 101-124
magmas, Arabian Shield 92(2) 195-213
metal ores, Arabian Shield 58(1-4) 169-194
metamorphism, Arabian Shield 98(1-2) 107-127
petrology, Arabian Shield 86(1-2) 45-58
plate tectonics 53(1-2) 99-118
Proterozoic, Arabian Shield 59(1-2) 15-32
tectonophysics, Arabian Shield 53(1-2) 119-147; 69(1-4) 281-292
Arabian Sea *see* Persian Gulf
Arabian Shield
geochemistry 96(1-2) 101-124
magmas 92(2) 195-213
metal ores 58(1-4) 169-194
metamorphism 98(1-2) 107-127
petrology 86(1-2) 45-58
Proterozoic 59(1-2) 15-32
tectonophysics 53(1-2) 119-147; 69(1-4) 281-292
Aracuai Belt
structural geology 77(1-2) 1-15
tectonophysics 99(3-4) 255-269
aragonite
Montana, diagenesis 63(1-2) 83-96
sedimentary petrology 73(1-4) 283-289
Arai Group
Proterozoic 52(3-4) 321-335
Aravalli Group *see* Aravalli System
Aravalli Range
geochemistry 87(1-2) 75-85
metal ores 61(1-2) 165-168
Aravalli System
deformation 65(1-4) 319-339
geochemistry 67(1-2) 11-35
inclusions 65(1-4) 1-23
Aravalli-Delhi Belt
metal ores 61(1-2) 165-168
tectonophysics 99(3-4) 149-169
Archaean *see* Archean
Archaeoellipsoides
paleobotany 81(3-4) 197-221
Archaeoellipsoides karatavicus
Proterozoic 74(3) 119-175
Archaeorestis
paleobotany 81(3-4) 197-221
Archean *see also* Closepet Granite; Kaapvaal Craton; Limpopo Orogeny
51(1-4) 1-25; 52(3-4) 337-345; 53(3-4) 301-303; 56(1-2) 159-166; 78(4) 299-301; 91(1-2) 5-13; 91(1-2) 143-179; 91(3-4) 233-252; 92(4) 387-412; 97(3-4) 143-154
Africa 69(1-4) 199-227; 78(1-3) 105-124; 93(4) 299-337
Algeria 65(1-4) 155-166; 69(1-4) 307-326
Antarctic Ocean 89(3-4) 175-205
Antarctica 75(3-4) 121-139
Aravalli System
deformation 65(1-4) 319-339
geochemistry 67(1-2) 11-35
inclusions 65(1-4) 1-23
Arctic Ocean 64(1-4) 131-152
Arunta Complex, fluid inclusions 66(1-4) 309-323
Belarus 68(3-4) 231-240
Blake River Group, geochemistry 52(1-2) 37-51; 57(3-4) 207-241
Brazil 63(3-4) 179-188; 68(1-2) 139-167; 70(3-4) 253-268; 77(1-2) 23-40; 78(1-3) 151-164; 82(1-2) 35-62
Cameroon 62(3) 191-205; 67(3-4) 321-347
Canada 81(1-2) 3-14; 83(1-3) 1-10; 86(3-4) 117-154; 91(3-4) 383-399; 93(1) 5-26
Canadian Shield 58(1-4) 25-54; 62(3) 285-305; 67(3-4) 207-241; 76(3-4) 155-190; 89(1-2) 59-76; 92(2) 89-116; 92(3) 277-295; 94(3-4) 139-173; 96(1-2) 83-99; 97(1-2) 27-42; 97(1-2) 77-97
China 56(1-2) 1-31; 59(3-4) 207-223; 67(1-2) 37-57; 78(1-3) 79-94; 78(1-3) 95-103
Colorado 87(1-2) 1-18
Dharwars 78(4) 261-272; 80(3-4) 205-216
geochemistry 61(1-2) 137-164
paleobotany 57(1-2) 165-168
structural geology 63(1-2) 43-58; 72(3-4) 283-299; 91(1-2) 15-39; 99(1-2) 91-111
Estonia 68(3-4) 231-240
Europe 64(1-4) 169-187
Finland 51(1-4) 265-281; 64(1-4) 85-108; 70(1-2) 45-65; 74(4) 245-252; 82(1-2) 13-34; 86(1-2) 21-44
Gabon 77(3-4) 143-159
Gangpur Series, metal ores 77(1-2) 117-130
Greenland 57(1-2) 49-90; 62(1-2) 61-82; 62(3) 239-270; 63(3-4) 293-323; 72(3-4) 227-234; 72(3-4) 301-315; 78(1-3) 1-39; 82(3-4) 177-189; 91(3-4) 365-381; 91(3-4) 383-399; 93(1) 5-26
Himalayas 56(3-4) 191-210
India 59(1-2) 145-170; 62(1-2) 127-137; 68(1-2) 169-173; 68(1-2) 175-178; 70(3-4) 269-280; 72(1-2) 69-95; 80(3-4) 193-204; 84(1-2) 105-111; 87(3-4) 217-231; 98(1-2) 53-65; 98(1-2) 129-150
Ivory Coast 86(3-4) 177-199; 87(1-2) 33-63
Kenya 69(1-4) 113-131
Krivoy Rog Series, metal ores 58(1-4) 289-303
Labrador 63(3-4) 293-323; 70(3-4) 169-190; 75(1-2) 91-118; 81(1-2) 15-35; 93(4) 281-297
Manitoba 68(1-2) 1-21
Mauritania 90(3-4) 107-117
Montana 55(1-4) 155-168; 91(3-4) 295-307
Namibia 92(4) 341-363
Napier Complex, foliation 65(1-4) 277-295
Newfoundland 63(3-4) 293-323; 70(3-4) 169-190; 75(1-2) 91-118; 81(1-2) 15-35; 93(4) 281-297
North Sea 64(1-4) 23-51
Northern Territory Australia 71(1-4) 45-68; 71(1-4) 301-314
Northwest Territories 68(1-2) 115-137; 77(1-2) 59-89; 81(3-4) 265-297; 93(1) 27-49; 94(3-4) 175-204
Norway 72(1-2) 97-107
Ontario 51(1-4) 27-50; 52(1-2) 53-69; 54(2-4) 173-194; 65(1-4) 183-205;

72(3-4) 263-281; 74(1-2) 73-89; 76(3-4) 191-211; 78(1-3) 53-63; 81(3-4) 155-178; 81(3-4) 223-239; 82(3-4) 265-285; 91(3-4) 433-444; 91(3-4) 445-454; 92(2) 117-128; 92(4) 365-387; 93(1) 51-70; 93(4) 257-279
Pakistan 87(3-4) 217-231
Papua New Guinea 65(1-4) 183-205
Peninsular Gneiss, structural geology 72(3-4) 283-299
Quebec 52(1-2) 71-96; 61(1-2) 51-66; 63(1-2) 59-81; 68(3-4) 183-200; 72(3-4) 263-281; 77(3-4) 231-241; 92(2) 145-164; 93(1) 27-49
Rocky Mountains 78(1-3) 41-52
Russian Federation 54(2-4) 195-210; 58(1-4) 121-141; 62(4) 373-528; 62(4) 375-397; 62(4) 453-472; 62(4) 473-491; 62(4) 507-525; 64(1-4) 3-21; 64(1-4) 85-108; 64(1-4) 189-195; 64(1-4) 197-205; 72(1-2) 97-107; 74(4) 245-252; 78(4) 197-210; 91(3-4) 333-363; 92(3) 223-250; 98(3-4) 197-221
Saskatchewan 61(1-2) 27-50; 95(3-4) 187-223
Scandinavia 64(1-4) 23-51; 97(3-4) 253-267
Scotland 62(3) 239-270
Singhbhum Granite 93(2-3) 139-151
  geochemistry 67(3-4) 181-206
  metal ores 58(1-4) 71-83
South Africa 54(2-4) 271-293; 55(1-4) 33-45; 67(1-2) 159-180; 68(3-4) 257-290; 72(3-4) 247-261; 74(1-2) 1-33; 75(1-2) 1-15; 75(1-2) 65-90; 78(1-3) 125-138; 78(1-3) 139-150; 79(1-2) 37-55; 87(1-2) 87-115; 91(1-2) 65-90; 91(3-4) 253-267; 95(3-4) 225-243; 96(3-4) 209-224; 97(3-4) 191-214
South America 69(1-4) 199-227
South Dakota 58(1-4) 85-97
Sri Lanka 66(1-4) 77-91; 66(1-4) 95-110; 66(1-4) 111-121; 66(1-4) 223-244; 70(3-4) 269-280
Swaziland 61(1-2) 89-116; 67(1-2) 109-139
Sweden 51(1-4) 265-281; 64(1-4) 67-84; 64(1-4) 225-238; 72(3-4) 199-225; 81(1-2) 83-99; 86(1-2) 21-44; 93(1) 105-117; 96(3-4) 225-243
Tanzania 77(1-2) 105-115
Timiskaming Group
  faults 68(3-4) 201-230
  sedimentary petrology 68(1-2) 23-42
Ukraine 78(1-3) 65-78
Utah 87(1-2) 1-18
Warrawoona Group 60(1-4) 1-45; 60(1-4) 47-67; 60(1-4) 69-98; 96(1-2) 63-82
  deformation 88(1-4) 83-108
  geochemistry 60(1-4) 99-116; 63(3-4) 225-246; 96(1-2) 41-62
  petrology 83(4) 221-242
  structural geology 80(1-2) 89-105; 88(1-4) 53-66
  tectonics 88(1-4) 207-231
Western Australia 51(1-4) 51-83; 51(1-4) 85-113; 52(3-4) 245-273; 52(3-4) 275-300; 54(2-4) 211-229; 56(3-4) 169-189; 57(1-2) 21-47; 58(1-4) 55-70; 59(1-2) 95-123; 60(1-4) 1-359; 60(1-4) 117-149; 60(1-4) 151-174; 60(1-4) 175-183; 60(1-4) 185-241; 60(1-4) 287-335; 60(1-4) 337-359; 61(1-2) 1-26; 62(3) 343-365; 65(1-4) 297-317; 68(1-2) 43-64; 68(3-4) 307-321; 71(1-4) 301-314; 72(3-4) 247-261; 78(1-3) 165-178; 78(1-3) 179-196; 78(4) 237-260; 80(1-2) 49-76; 83(1-3) 1-10; 83(1-3) 1-219; 83(1-3) 11-42; 83(1-3) 43-56; 83(1-3) 57-81; 83(1-3) 83-107; 83(1-3) 109-132; 83(1-3) 133-183; 83(1-3) 185-201; 83(1-3) 203-219; 85(3-4) 147-171; 88(1-4) 3-23; 88(1-4) 25-52; 88(1-4) 143-171; 88(1-4) 173-205; 88(1-4) 233-247; 88(1-4) 249-265; 91(3-4) 309-332; 94(1-2) 11-28; 95(3-4) 225-243; 95(3-4) 275, 277-302; 96(1-2) 125-139; 96(3-4) 143-181; 98(3-4) 243-270
Wyoming 55(1-4) 155-168; 58(1-4) 85-97; 89(3-4) 145-173; 91(3-4) 295-307
Yellowknife Group, metal ores 58(1-4) 1-24
Zimbabwe 55(1-4) 33-45; 55(1-4) 259-277; 55(1-4) 407-427; 70(3-4) 191-213; 77(3-4) 161-178; 87(1-2) 87-115; 91(3-4) 269-285
arcs, island *see* island arcs
Arctic Ocean
  stratigraphy, Barents Sea 69(1-4) 81-93
  structural geology, White Sea 64(1-4) 131-152
Arctic region *see also* Greenland; Svalbard
  sedimentary petrology, Svalbard 61(3-4) 181-190
areal geology *see* bibliography; guidebook
Arendal Gabbro
  tectonophysics 64(1-4) 403-417
arenite *see also* quartz arenite
  Canadian Shield, structural geology 68(3-4) 291-306
  India, geochemistry 72(1-2) 69-95
  Northern Territory Australia, energy sources 54(1) 81-108
  Ontario 68(1-2) 23-42
    stratigraphy 86(3-4) 201-223
  Western Australia 60(1-4) 287-335
Arequipa-Antofalla Craton
  metamorphism 94(1-2) 73-99
Argilke Event
  Proterozoic 71(1-4) 3-15
argillite
  Canadian Shield, faults 68(3-4) 201-230
  India, geochemistry 72(1-2) 69-95
argon-argon *see* Ar/Ar
Arizona *see also* Chuar Group; Grand Canyon; Mazatzal Orogeny
  petrology 82(3-4) 237-263
Armorican Massif
  petrology 51(1-4) 393-427
Arnhem Land
  volcanism 94(3-4) 225-250
Arumbera Sandstone
  Cambrian 86(1-2) 93-113
Arunachal Pradesh India
  areal geology 97(1-2) 135-136
Arunta Block
  geochronology 71(1-4) 17-43; 71(1-4) 45-68; 71(1-4) 207-227; 71(1-4) 229-250; 71(1-4) 301-314
  metamorphism 71(1-4) 183-205
  Proterozoic 71(1-4) 3-15; 71(1-4) 69-89; 71(1-4) 91-105; 71(1-4) 265-299; 71(1-4) 315-346
  sedimentation 59(3-4) 225-241
  structural geology 72(1-2) 43-67
  tectonophysics 65(1-4) 71-94
Arunta Complex
  fluid inclusions 66(1-4) 309-323
Arunta Inlier
  igneous rocks 56(3-4) 227-253
Asbesheuwels Iron Formation
  Archean 79(1-2) 3-24
Asbestos Hills Subgroup
  geochemistry 72(1-2) 109-145
Ash Lake Pluton
  Archean 76(3-4) 191-211
Ashanti Belt
  geochemistry 98(1-2) 11-30
  geochronology 67(1-2) 89-107
  gold ores 89(3-4) 129-143
Asia *see also* Arabian Peninsula; Far East; Himalayas; Indian Peninsula; Middle East; Sri Lanka
  Archean, Aldan Shield 78(4) 197-210
  areal geology, Aldan Shield 62(4) 373-528
  crust
    Aldan Shield 91(3-4) 333-363
    Siberia 91(3-4) 333-363
  fluid inclusions
    Aldan River 62(4) 431-451
    Aldan Shield 62(4) 431-451
    Siberia 62(4) 431-451
  geochemistry
    Indian Peninsula 66(1-4) 183-198; 66(1-4) 199-220; 66(1-4) 223-244; 66(1-4) 325-349
    Indian Shield 67(3-4) 181-206

geochronology
Indian Peninsula 66(1-4) 95-110; 66(1-4) 111-121; 66(1-4) 123-149
Indian Shield 93(2-3) 139-151
inclusions
Aldan Shield 62(4) 507-525
Siberia 62(4) 507-525
intrusions
Aldan River 54(2-4) 195-210; 62(4) 493-505
Aldan Shield 54(2-4) 195-210; 62(4) 453-472; 62(4) 493-505
Olekma River 54(2-4) 195-210
Siberia 54(2-4) 195-210; 62(4) 453-472; 62(4) 493-505
metal ores
Aldan Shield 58(1-4) 427-446
Siberia 58(1-4) 427-446
metamorphism, Aldan Shield 62(4) 399-417
petroleum
Siberia 54(1) 37-44
Vindhyan Basin 85(1-2) 115-116
petrology 64(1-4) 197-205
Aldan Shield 62(4) 419-430; 62(4) 473-491
Hindu Kush 98(3-4) 223-241
Indian Peninsula 66(1-4) 1-409; 66(1-4) 3-18; 66(1-4) 245-263; 66(1-4) 295-308; 66(1-4) 351-377
Siberia 62(4) 419-430; 62(4) 473-491
phase equilibria, Indian Peninsula 66(1-4) 265-294
plate tectonics 64(1-4) 3-21
Aldan River 89(1-2) 1-23
Aldan Shield 89(1-2) 1-23
Indian Peninsula 66(1-4) 77-91
Siberia 89(1-2) 1-23
Proterozoic, Indian Peninsula 66(1-4) 151-181
Protista, Siberia 85(3-4) 201-239
stratigraphy
Siberia 73(1-4) 251-270
Yakutia Russian Federation 73(1-4) 251-270
structural geology, Indian Peninsula 66(1-4) 21-37; 66(1-4) 39-57; 66(1-4) 59-76
tectonophysics 64(1-4) 273-288
Indian Shield 80(1-2) 77-87

Asir Terrane
tectonophysics 53(1-2) 119-147

Assode Terrane
folds 67(1-2) 59-88

asthenosphere
Benin, petrology 82(3-4) 191-209
Burundi, petrology 68(3-4) 323-356
Finland, tectonophysics 64(1-4) 85-108
Labrador, magmas 82(1-2) 63-84
Newfoundland, magmas 82(1-2) 63-84
Niger, folds 67(1-2) 59-88
Norway, geochemistry 82(3-4) 287-309
Ontario, geochemistry 76(3-4) 119-153
orogeny 55(1-4) 507-524
Russian Federation, tectonophysics 64(1-4) 85-108
Sweden
geochemistry 82(3-4) 287-309
petrology 52(3-4) 215-230; 52(3-4) 231-243
Uruguay, petrology 74(3) 177-194

Atar Group
carbonates 53(3-4) 281-299

Atbay *see* Red Sea Hills

Atlantic Ocean *see also* North Atlantic
faults, Rockall Plateau 68(1-2) 65-79
plate tectonics 69(1-4) 169-191
stratigraphy 56(1-2) 167-168
structural geology, Hudson Strait 93(1) 27-49
tectonophysics 82(1-2) 174-175

Atlantic Ocean Islands
petrology, Gough Island 74(3) 177-194

Atlantic region
plate tectonics 69(1-4) 169-191

Atlantic-type margins *see* passive margins

Atlas Mountains *see* Moroccan Atlas Mountains

atmosphere *see* hydrosphere

Atnarpa Complex
igneous rocks 56(3-4) 227-253

Atran Terrane
structural geology 98(3-4) 173-195
tectonophysics 92(3) 297-315

Au *see* gold

augen gneiss
Brazil, geochemistry 77(1-2) 23-40
Namibia 92(4) 341-363
Romania, orogeny 80(3-4) 281-301
Saskatchewan, geochronology 95(3-4) 187-223

augen granite
Ontario, magmas 53(3-4) 199-231

Auho Fault
plate tectonics 64(1-4) 207-223

aulacogens
Algeria, tectonophysics 69(1-4) 307-326
Russian Federation, petroleum 54(1) 37-44

Aulian gneiss complex
petrology 78(1-3) 65-78

Aulneau Batholith
magmas 51(1-4) 27-50

Australasia *see* Papua New Guinea

Australia *see also* Arunta Complex; Bitter Springs Formation; Hamersley Group; McArthur Basin; New South Wales Australia; Northern Territory Australia; Queensland Australia; South Australia; Tasmania Australia; Western Australia
Cambrian
Amadeus Basin 86(1-2) 93-113
Officer Basin 100(1-3) 235-280
geochronology 71(1-4) 1-346
Amadeus Basin 71(1-4) 229-250
metal ores, Broken Hill Block 98(1-2) 1-10
paleomagnetism 70(1-2) 113-143
petrology, Lachlan fold belt 81(1-2) 37-66
plate tectonics 69(1-4) 293-306
Proterozoic 100(1-3) 213-234
Amadeus Basin 71(1-4) 155-181; 73(1-4) 173-195; 92(1) 65-87; 100(1-3) 181-211; 100(1-3) 281-298
Georgina Basin 73(1-4) 173-195
Officer Basin 73(1-4) 173-195; 74(3) 119-175; 100(1-3) 281-298
stratigraphy 85(3-4) 173-199; 100(1-3) 1-433
Amadeus Basin 73(1-4) 3-26; 96(1-2) 63-82; 100(1-3) 151-179
tectonics, Musgrave Ranges 55(1-4) 491-506

Avalon Zone
Cambrian 73(1-4) 123-136
geochemistry 56(1-2) 33-49
magmas 76(1-2) 93-113

Avalonian Orogeny
New England, structural geology 53(1-2) 41-78
Newfoundland, geochemistry 59(3-4) 243-262

Avzyan Formation
paleobotany 65(1-4) 231-254

Awasib Granite
crust 63(1-2) 143-162

Axum Ethiopia
geochemistry 96(1-2) 101-124

Ayers Ranges Adamellite
Proterozoic 71(1-4) 155-181

Azuaga Formation
petrology 53(3-4) 267-279

B *see* boron

B-11/B-10
China, non-metal deposits 72(3-4) 185-197

Ba *see* barium

Babadudan Belt
geochronology 59(1-2) 145-170; 80(3-4) 205-216
sedimentary petrology 70(1-2) 93-112
structural geology 91(1-2) 15-39

Baby Group
foliation 68(3-4) 183-200

Bacao Complex
deformation 65(1-4) 25-54
gold ores 68(1-2) 139-167
Bacillus polymyxa
metal ores 61(3-4) 231-240
back-arc basins
Canada, orogeny 86(3-4) 117-154
Ivory Coast, tectonophysics 65(1-4) 207-229
Morocco, geochemistry 62(3) 367-371
Northern Territory Australia, tectonophysics 65(1-4) 71-94
Ontario, geochemistry 85(1-2) 97-113
Russian Federation
sea-floor spreading 92(3) 215-221
tectonophysics 82(1-2) 133-151
South Africa, metal ores 77(3-4) 243-271
United States, tectonophysics 65(1-4) 71-94
Western Australia
metal ores 88(1-4) 67-82; 90(3-4) 119-140; 98(3-4) 243-270
plate tectonics 88(1-4) 143-171
structural geology 83(1-3) 57-81; 83(1-3) 83-107; 88(1-4) 173-205; 90(3-4) 141-158
Backaby Intrusion
geochronology 77(1-2) 91-103
bacteria
Brazil, diagenesis 70(3-4) 253-268
Colorado, metal ores 61(3-4) 231-240
Gabon 81(3-4) 197-221
India
Proterozoic 56(3-4) 291-318
stratigraphy 92(1) 21-35
Protista 85(3-4) 201-239
South Africa 75(1-2) 65-90
Archean 54(2-4) 271-293
metal ores 96(3-4) 209-224
Western Australia, Invertebrata 96(1-2) 25-39
baddeleyite
Canadian Shield
stratigraphy 69(1-4) 1-10
structural geology 68(3-4) 291-306
Finland
petrology 95(1-2) 89-107
Proterozoic 51(1-4) 227-243
Labrador
orogeny 80(3-4) 239-260
Proterozoic 99(1-2) 65-90
Newfoundland
orogeny 80(3-4) 239-260
Proterozoic 99(1-2) 65-90
Quebec, metamorphic rocks 90(1-2) 59-83
Russian Federation, petrology 75(1-2) 31-46
South Australia, stratigraphy 87(3-4) 135-159
Sweden, Proterozoic 79(3-4) 227-237
Baffin Bay
geochronology 91(3-4) 383-399
Baffin Bay Group
paleobotany 96(1-2) 1-23
Baffin Island
Archean 93(1) 5-26
paleobotany 96(1-2) 1-23
structural geology 93(1) 27-49
Baffin Orogeny
plate tectonics 63(3-4) 325-347
Bahia Brazil
Archean 63(3-4) 179-188
geochemistry 89(1-2) 87-100
petrology 51(1-4) 283-314; 99(3-4) 309-325
structural geology 79(3-4) 347-361; 84(3-4) 139-162
tectonophysics 82(1-2) 35-62
Baicalia burra
Proterozoic 100(1-3) 281-298
Baikal-Muya ophiolite belt
metal ores 58(1-4) 427-446
Bakoye Group
geochemistry 63(3-4) 225-246
Balingup Terrane
structural geology 78(1-3) 179-196
Baltic region *see* Estonia; Latvia
Baltic Sea
crust 64(1-4) 311-317
geomorphology 64(1-4) 337-345
tectonophysics 64(1-4) 419-430
Baltic Shield *see also* Svecofennian Orogeny
areal geology 62(4) 373-528
cobalt ores 91(3-4) 419-432
crust 64(1-4) 189-195; 64(1-4) 289-294
deformation 78(4) 289-291; 78(4) 293-295
geochemistry 64(1-4) 239-252; 64(1-4) 319-335; 79(3-4) 209-226; 92(2) 89-116; 92(3) 223-250
geomorphology 64(1-4) 337-345
magmas 70(1-2) 45-65; 95(1-2) 109-127
metal ores 51(1-4) 265-281; 58(1-4) 121-141; 58(1-4) 289-303
metamorphism 76(1-2) 15-30
Mohorovicic discontinuity 64(1-4) 23-51
orogeny 64(1-4) 225-238
paleomagnetism 74(4) 245-252; 93(2-3) 201-213
petrology 51(1-4) 127-149; 64(1-4) 197-205; 74(1-2) 57-72; 75(1-2) 31-46; 82(1-2) 85-99; 95(1-2) 129-146; 95(1-2) 147-166
plate tectonics 64(1-4) 3-21; 67(1-2) 141-158
Precambrian 64(1-4) 109-130
Proterozoic 79(3-4) 239-259; 82(3-4) 311-348; 87(3-4) 117-135
stratigraphy 64(1-4) 1-430; 64(1-4) 253-271; 73(1-4) 197-216; 97(3-4) 253-267
structural geology 64(1-4) 131-152; 70(1-2) 67-91; 70(3-4) 235-251; 75(1-2) 17-29; 98(1-2) 151-171
tectonophysics 64(1-4) 53-65; 64(1-4) 85-108; 64(1-4) 153-168; 64(1-4) 169-187; 64(1-4) 403-417; 64(1-4) 419-430; 68(3-4) 231-240; 69(1-4) 61-79; 72(1-2) 97-107; 82(1-2) 133-151; 92(3) 297-315; 98(3-4) 197-221
Baltica
Brazil, petrology 95(1-2) 41-67
Greenland, faults 68(1-2) 65-79
Norway, stratigraphy 69(1-4) 81-93; 73(1-4) 197-216
Russian Federation, stratigraphy 69(1-4) 81-93
South Africa, metal ores 91(1-2) 65-90
Sweden, plate tectonics 92(1) 1-20
United Kingdom, faults 68(1-2) 65-79
Bamble Gneiss
Proterozoic 87(3-4) 117-135
Bamble Norway
geochronology 90(3-4) 159-185
petrology 64(1-4) 347-360
tectonophysics 64(1-4) 403-417
Bamble shear belt
Proterozoic 64(1-4) 389-402
Bamboo Creek Syncline
deformation 88(1-4) 83-108
Bambui Group
73(1-4) 271-282; 80(1-2) 125-152
geochemistry 89(1-2) 87-100
Banded Gneissic Complex
deformation 65(1-4) 319-339
inclusions 65(1-4) 1-23
Banded Hematite Jasper Formation
stratigraphy 80(3-4) 193-204
banded iron formations
India, Archean 97(3-4) 269-302
South Australia, Archean 97(3-4) 269-302
Western Australia
Archean 97(3-4) 165-189; 97(3-4) 269-302
gold ores 88(1-4) 249-265
Proterozoic 99(1-2) 33-64
tectonics 88(1-4) 109-142
Bandelierkop Formation
geochemistry 55(1-4) 365-397; 55(1-4) 451-467
Bandelierkop Quarry
petrology 55(1-4) 279-296; 55(1-4) 303-319
Bangalore India
stratigraphy 69(1-4) 157-167

Bangemall Group
metal ores 58(1-4) 345-354
Banxi Group
plate tectonics 76(1-2) 67-76; 81(1-2) 129-144
Barberton greenstone belt *see also* Fig Tree Series; Onverwacht Group
geochemistry 52(3-4) 301-319
petrology 75(1-2) 1-15
sedimentary petrology 68(3-4) 257-290
Barberton Mountain Land
Archean 54(2-4) 271-293
geochemistry 74(1-2) 1-33
geochronology 57(1-2) 91-119
Barberton Sequence
petrology 67(3-4) 277-320
Barby Formation
crust 63(1-2) 143-162
Bardoc shear zone
folds 83(1-3) 43-56
Barents Sea *see also* White Sea
stratigraphy 69(1-4) 81-93
Barents Sea Group
stratigraphy 69(1-4) 81-93
Barghot Terrane
folds 67(1-2) 59-88
barite
Western Australia, structural geology 88(1-4) 25-52
barium
Canadian Shield, geochemistry 96(1-2) 83-99
Swaziland, magmas 61(1-2) 89-116
barometry, geologic *see* geologic barometry
Barramundi Igneous Association
Proterozoic 71(1-4) 265-299
Barramundi Orogeny
geochronology 71(1-4) 17-43; 71(1-4) 45-68
Proterozoic 71(1-4) 107-129
Barreiro Fault
structural geology 90(1-2) 29-58
Barrocas Pluton
structural geology 84(3-4) 139-162
Barsaloian
structural geology 52(1-2) 179-186
basalts *see also* alkali basalts; flood basalts; lava; mid-ocean ridge basalts; ocean-island basalts; olivine basalt; shoshonite; tholeiite; tholeiitic basalt
Africa, sedimentary petrology 67(3-4) 243-276
India, geochemistry 67(3-4) 181-206
Ivory Coast, tectonophysics 65(1-4) 207-229
Kenya, stratigraphy 69(1-4) 113-131
Missouri 95(1-2) 69-88
Ontario, geochemistry 74(1-2) 73-89; 76(3-4) 119-153
orogeny 55(1-4) 507-524
Russian Federation, paleomagnetism 93(2-3) 201-213
South Africa
geochemistry 54(2-4) 231-256
geochronology 57(1-2) 91-119
metal ores 91(1-2) 65-90
Sweden, geochemistry 64(1-4) 239-252
Western Australia 52(3-4) 245-273
geochemistry 54(2-4) 231-256
stratigraphy 97(3-4) 155-164
structural geology 60(1-4) 185-241
tectonics 88(1-4) 109-142
Zimbabwe, stratigraphy 97(3-4) 155-164
basculating faults *see* wrench faults
base metals *see also* copper ores; zinc ores
India 99(3-4) 171-178
South Africa 77(3-4) 243-271
Western Australia, structural geology 88(1-4) 173-205
base-level peneplain *see* peneplains
basement tectonics
Africa 61(1-2) 67-88
Brazil 79(3-4) 347-361
tectonophysics 99(3-4) 255-269
Labrador, Proterozoic 99(1-2) 65-90
Newfoundland, Proterozoic 99(1-2) 65-90
Ontario 93(1) 51-70
Western Australia 83(1-3) 185-201
basin analysis
Greenland, Cambrian 73(1-4) 217-233
basins *see also* back-arc basins; fore-arc basins; foreland basins; pull-apart basins
Africa, metal ores 58(1-4) 305-344
Brazil, structural geology 77(1-2) 1-15
Canadian Shield, faults 68(3-4) 201-230
China, natural gas 54(1) 45-63
Colorado, stratigraphy 87(1-2) 1-18
Finland, isostasy 86(1-2) 21-44
Greenland
Cambrian 73(1-4) 217-233
faults 68(1-2) 65-79
India
geochemistry 67(1-2) 11-35; 98(1-2) 53-65
Proterozoic 79(3-4) 363-369
Northwest Territories, Archean 81(3-4) 265-297
Norway, stratigraphy 73(1-4) 197-216
Quebec, structural geology 61(1-2) 51-66
Russian Federation, petroleum 54(1) 37-44
South Australia, Proterozoic 74(3) 119-175
South Dakota, metal ores 58(1-4) 85-97
Sweden
isostasy 86(1-2) 21-44
plate tectonics 67(1-2) 141-158; 92(1) 1-20
United Kingdom, faults 68(1-2) 65-79
Utah, stratigraphy 87(1-2) 1-18
Western Australia, structural geology 60(1-4) 185-241
Wyoming, metal ores 58(1-4) 85-97
Baskatong Pegmatite
deformation 92(2) 145-164
Bastar Craton
geochemistry 62(1-2) 127-137
batholiths
Brazil 51(1-4) 351-374
structural geology 99(1-2) 1-32
Canadian Shield, gold ores 84(1-2) 83-103
Colorado 62(1-2) 139-169; 98(3-4) 271-305
Estonia, geochemistry 79(3-4) 209-226
Europe 51(1-4) 127-149
Finland 95(1-2) 89-107
Proterozoic 51(1-4) 227-243
India 99(3-4) 225-254
structural geology 99(1-2) 91-111
Latvia, geochemistry 79(3-4) 209-226
Niger, folds 67(1-2) 59-88
Ontario 51(1-4) 27-50; 53(3-4) 199-231
Archean 76(3-4) 191-211
geochemistry 82(3-4) 265-285
Queensland Australia, geochronology 71(1-4) 131-153
South Australia 79(3-4) 371-394
Swaziland 61(1-2) 89-116
Sweden 51(1-4) 151-159; 95(1-2) 147-166
tectonophysics 91(1-2) 143-179
Venezuela, tectonics 85(1-2) 1-25
Western Australia 51(1-4) 51-83; 88(1-4) 3-23; 95(3-4) 275, 277-302
structural geology 85(3-4) 147-171
Wyoming 89(3-4) 145-173
Zambia, geochronology 63(3-4) 189-209
Baviaanskloof Gneiss
geochemistry 55(1-4) 451-467
metamorphic rocks 55(1-4) 429-449
Bears Ears Batholith
petrology 89(3-4) 145-173
Beartooth Mountains
Archean 91(3-4) 295-307
petrology 78(1-3) 41-52
tectonics 55(1-4) 155-168
Beartooth-Bighorn magmatic terrane
petrology 78(1-3) 41-52
tectonics 55(1-4) 155-168
Beasley River Quartzite
Proterozoic 99(1-2) 33-64
Beaulieu Rapids Formation
Archean 94(3-4) 175-204
Beaulieu River volcanic belt
Archean 94(3-4) 175-204

Bebedouro Formation
geochemistry 89(1-2) 87-100
Bechuanaland *see* Botswana
bed forms *see* bedforms
bedding
South Africa, gold ores 79(1-2) 125-140
South Australia
Cambrian 100(1-3) 65-95
stratigraphy 100(1-3) 109-120
bedding plane irregularities *see* ripple marks; sand waves
Beden Granodiorite
Proterozoic 64(1-4) 361-388
bedforms
Appalachians, Proterozoic 97(1-2) 115-134
Bee Gorge Member
Archean 72(3-4) 247-261
Beit Bridge Group
petrology 78(1-3) 139-150
Beitai Arc
tectonics 78(1-3) 95-103
Belarus
tectonophysics 68(3-4) 231-240
Belingwe greenstone belt
stratigraphy 97(3-4) 155-164
Belleterre Group
foliation 68(3-4) 183-200
Belleterre-Angliers greenstone belt
foliation 68(3-4) 183-200
Belo Horizonte Complex
deformation 65(1-4) 25-54
petrology 78(1-3) 151-164
Belomorian Belt
geochemistry 92(3) 223-250
structural geology 64(1-4) 131-152
Belorussia *see* Belarus
Belt Supergroup *see also* Missoula Group; Revett Quartzite
algae 61(3-4) 241-278
diagenesis 63(1-2) 83-96
Beltina danai
algae 61(3-4) 241-278
belts, fold *see* fold belts
belts, greenstone *see* greenstone belts
belts, mobile *see* mobile belts
Bendong Granodiorite
geochronology 97(1-2) 43-57
Benin
paleobotany 57(1-2) 121-133
petrology 82(3-4) 191-209
plate tectonics 69(1-4) 327-344
Berens River Subprovince
Archean 92(3) 277-295
Bergaueria
stratigraphy 67(1-2) 1-10
Bergslagen
geochemistry 64(1-4) 319-335
iron ores 54(2-4) 109-130
magmas 52(3-4) 187-214
petrology 52(3-4) 215-230; 52(3-4) 231-243
Bergslagen Supracrustal Series
magmas 52(3-4) 187-214
petrology 52(3-4) 231-243
Bernborough Formation
Proterozoic 71(1-4) 107-129
besshi-type deposits
metal ores 61(3-4) 295-322
South Africa, metal ores 77(3-4) 243-271
Bessie Creek Sandstone
energy sources 54(1) 81-108
Bhowali Volcanics
volcanism 87(3-4) 217-231
bibliography
Africa, structural geology 87(3-4) 161-216
BIFs *see* banded iron formations
Big Belt Mountains
algae 61(3-4) 241-278
Bihar India *see* Singhbhum India
Bijawar System 79(3-4) 307-325
Billinooka Inlier
geochemistry 54(2-4) 211-229
biodiversity
Canada, Cambrian 73(1-4) 51-70
Himalayas, stratigraphy 59(3-4) 325-327
Namibia, Cambrian 73(1-4) 51-70
South Australia, Cambrian 73(1-4) 51-70
biofilms
Western Australia, Invertebrata 96(1-2) 25-39
biogenic structures *see* algal structures; bioherms; bioturbation; lebensspuren; stromatolites
biogeography
Australia, stratigraphy 85(3-4) 173-199
China, stratigraphy 85(3-4) 173-199
Western Australia, stratigraphy 67(1-2) 1-10
biography
76(3-4) 229-230
geochemistry 91(3-4) 229-231
metal ores 97(1-2) 1-2
Precambrian 74(4) 253
bioherms
China, stratigraphy 52(1-2) 167-178
Northwest Territories, Proterozoic 90(3-4) 187-202
South Australia
Proterozoic 92(1) 65-87
stratigraphy 100(1-3) 109-120
Western Australia, Proterozoic 92(1) 65-87
biologic evolution
China, paleobotany 57(1-2) 135-163
India, stratigraphy 92(1) 21-35
Protista 85(3-4) 201-239
South Africa, paleobotany 75(1-2) 65-90
biological diversity *see* biodiversity
biological zones *see* biozones
biomarkers
Australia, Cambrian 100(1-3) 235-280
biomineralization 61(3-4) 209-229
biopelite *see* black shale
biostratigraphy *see also* biozones; paleoecology; palynomorphs; stromatolites
70(1-2) 168; 73(1-4) 1-298; 85(3-4) 201-239; 100(1-3) 3-20
Australia 99(3-4) 271-308; 100(1-3) 1-433
Canada 73(1-4) 101-121; 100(1-3) 181-211
Greenland 73(1-4) 217-233
paleobotany 96(1-2) 1-23
India 56(3-4) 291-318; 97(1-2) 99-113
Namibia 100(1-3) 181-211
Newfoundland 73(1-4) 123-136
Northern Territory Australia 73(1-4) 173-195
Northwest Territories, paleobotany 96(1-2) 1-23
Norway 73(1-4) 197-216
South Australia 74(3) 119-175; 100(1-3) 65-95; 100(1-3) 97-108; 100(1-3) 181-211
biostromes
Gabon, diagenesis 65(1-4) 341-356
biotite
Brazil
petrology 93(2-3) 153-180
Proterozoic 59(3-4) 263-282
structural geology 81(3-4) 241-264; 86(3-4) 155-176; 99(1-2) 1-32
Mexico, Proterozoic 96(3-4) 245-262
Namibia, faults 90(1-2) 1-28
New South Wales Australia, geochronology 71(1-4) 251-263
New York, Proterozoic 96(3-4) 245-262
Ontario, structural geology 77(1-2) 41-57
South Africa
Archean 55(1-4) 17-31
faults 90(1-2) 1-28
geochronology 62(1-2) 83-101
structural geology 96(3-4) 263-288
Spain, petrology 53(3-4) 267-279
Uruguay, petrology 93(2-3) 153-180
Western Australia, geochemistry 96(1-2) 41-62
Zimbabwe, Archean 55(1-4) 17-31
biotite gneiss
Northern Territory Australia, Proterozoic 71(1-4) 91-105
Quebec, geochronology 77(3-4) 231-241

biotite granite
Canadian Shield, geochemistry 67(3-4) 207-241
Egypt, geochemistry 82(3-4) 211-236
Missouri 51(1-4) 245-263
Sweden 95(1-2) 109-127
bioturbation
Michigan, geochemistry 54(1) 65-79
Wisconsin, geochemistry 54(1) 65-79
biozones
Canada, Cambrian 73(1-4) 51-70
Namibia, Cambrian 73(1-4) 51-70
South Australia, Cambrian 73(1-4) 51-70
Birbir magmatic arc
magmas 76(1-2) 3-14
Birrimian
Africa 58(1-4) 305-344
Ghana 56(1-2) 89-96; 56(1-2) 97-111; 67(1-2) 89-107; 98(1-2) 11-30
Ivory Coast 65(1-4) 207-229; 80(3-4) 173-191; 87(1-2) 33-63
Birthday Complex
geochemistry 83(1-3) 133-183
bitter spar *see* dolomite
Bitter Springs Formation
96(1-2) 63-82
geochemistry 63(3-4) 225-246
bitumens
Gabon, diagenesis 65(1-4) 341-356
geochemistry 61(3-4) 171-179
Michigan, geochemistry 54(1) 65-79
Ontario 61(3-4) 279-293
South Africa 61(3-4) 279-293
Wisconsin, geochemistry 54(1) 65-79
bituminous shale *see* black shale
Black Flag Group
structural geology 83(1-3) 83-107
Black Hills
metal ores 58(1-4) 85-97
black shale
Bolivia 61(3-4) 181-190
China, geochemistry 80(1-2) 23-48
Gabon 65(1-4) 341-356
geochemistry 61(3-4) 191-207; 61(3-4) 209-229
metal ores 61(3-4) 169-322
Michigan 61(3-4) 181-190
geochemistry 54(1) 65-79
Morocco, volcanism 70(1-2) 25-44
Ontario, metal ores 61(3-4) 279-293
Rocky Mountains, algae 61(3-4) 241-278
Russian Federation 61(3-4) 181-190
South Africa, metal ores 61(3-4) 279-293
South Australia, Proterozoic 74(3) 119-175
United Arab Emirates 61(3-4) 181-190
Wisconsin, geochemistry 54(1) 65-79
Wyoming 61(3-4) 181-190
Zimbabwe, stratigraphy 77(3-4) 161-178
Blake River Group
geochemistry 52(1-2) 37-51; 57(3-4) 207-241
blastomylonite
Brazil 68(3-4) 241-255
Tanzania, structural geology 93(1) 119-137
Bleida-Tachdamt Group
volcanism 70(1-2) 25-44
Blezardian
deformation 93(1) 51-70
Blind River Ontario
metal ores 61(3-4) 279-293
bloating shale *see* shale
block clay *see* melange
block structures
Ethiopia, structural geology 77(3-4) 179-210
Far East, structural geology 55(1-4) 571-587
Himalayas, structural geology 55(1-4) 571-587
Western Australia, deformation 88(1-4) 83-108
blue algae *see* cyanobacteria
blue lead *see* galena
Blue Ridge Anticlinorium
petrology 59(1-2) 33-42
Blue Ridge Province
geochemistry 84(1-2) 37-62
geochronology 99(1-2) 113-146
petrology 59(1-2) 33-42
Proterozoic 68(1-2) 81-95; 97(1-2) 115-134
Blue Ridge Terrane
geochemistry 84(1-2) 37-62
blue-green algae *see* cyanobacteria
body size *see* size
body waves *see* P-waves; S-waves
Bogoin-Boali Belt
petrology 68(1-2) 97-113
Bohemian Massif
geochemistry 62(1-2) 103-125
Bohus Granite
Proterozoic 51(1-4) 337-350
Boland Terrane
tectonophysics 97(3-4) 303-323
Bolivia
metamorphism 94(1-2) 73-99
sedimentary petrology 61(3-4) 181-190
Bonai Pluton
geochronology 77(1-2) 17-22
Bonfim Complex
deformation 65(1-4) 25-54
petrology 78(1-3) 151-164
boninite
Canadian Shield 97(1-2) 27-42
Central African Republic 68(1-2) 97-113
Ethiopia 80(3-4) 261-279
Bonnie Downs Granite
geochemistry 54(2-4) 211-229
book reviews
83(4) 291
Africa, seismicity 90(3-4) 239-240
Atlantic Ocean, stratigraphy 56(1-2) 167-168
Brazil, plate tectonics 78(4) 301-302
Canada, tectonophysics 82(1-2) 174-175
geochronology 54(2-4) 323
Greenland, tectonophysics 82(1-2) 174-175
Himalayas, stratigraphy 59(3-4) 325-327
India 78(4) 297-298; 97(1-2) 135-136
gold ores 59(3-4) 327-328
intrusions 82(3-4) 349-350
metal ores 78(4) 297-298
petrology 70(1-2) 167-168
plate tectonics 82(1-2) 173-175; 85(3-4) 241-242
Precambrian 99(1-2) 147
tectonophysics 82(3-4) 350-351
magmas 53(3-4) 301-303
metal ores 81(1-2) 151-152
mineral resources 54(2-4) 321-323
petroleum 85(1-2) 115-116
plate tectonics 78(4) 299-301
Precambrian 70(1-2) 168
South Australia 78(4) 298-299
Sri Lanka 92(3) 317-318
tectonophysics 54(2-4) 324-325; 70(1-2) 165-166; 70(1-2) 166-167; 81(1-2) 152-154; 82(3-4) 351-352; 84(1-2) 113-115
Boolgeeda Iron Formation
Proterozoic 99(1-2) 33-64
Boonall Dolomite
Proterozoic 92(1) 65-87
Booysens Shale Formation
Archean 97(3-4) 191-214
borates
China, non-metal deposits 72(3-4) 185-197
Borborema
magmas 62(3) 323-342
petrology 87(1-2) 19-32
structural geology 81(3-4) 241-264
Borborema Province
structural geology 99(1-2) 1-32
boron
B-11/B-10, China 72(3-4) 185-197
South Africa, geochemistry 78(4) 273-287
boron deposits
China 72(3-4) 185-197
Boston Iron Range
geochemistry 54(2-4) 173-194

Bothasberg Sequence
petrology 52(1-2) 115-132
Bothnia Belt
tectonophysics 82(1-2) 13-34
Bothnian Basin
magmas 95(1-2) 109-127
petrology 82(1-2) 85-99
plate tectonics 67(1-2) 141-158
Precambrian 64(1-4) 109-130
Bothnian Bay
tectonophysics 64(1-4) 85-108
Bothnian-Senja fracture zone
structural geology 72(3-4) 199-225
Botswana
Proterozoic 56(3-4) 255-274
Bou Azzer
geochemistry 62(3) 367-371
Bou Azzer-El Graara Inlier
plate tectonics 54(2-4) 295-319
Bou Azzer-El Graara Ophiolite
petrology 53(1-2) 79-97
Bou-Azzer *see* Bou Azzer
boudinage
Greenland, geochemistry 82(3-4) 177-189
Russian Federation, petrology 62(4) 419-430
South Africa, metal ores 77(3-4) 243-271
Sri Lanka, structural geology 66(1-4) 21-37
Bouguer anomalies
Finland, tectonophysics 64(1-4) 273-288
India, tectonophysics 99(3-4) 149-169
North Sea, Mohorovicic discontinuity 64(1-4) 23-51
Russian Federation, tectonophysics 64(1-4) 273-288
Scandinavia, Mohorovicic discontinuity 64(1-4) 23-51
South Africa, structural geology 55(1-4) 173-186
Sri Lanka, plate tectonics 66(1-4) 77-91
Sweden, petrology 51(1-4) 151-159
Zimbabwe, structural geology 55(1-4) 173-186
Bouma sequence
Morocco, volcanism 70(1-2) 25-44
Western Australia 60(1-4) 337-359
boundaries, stratigraphic *see* stratigraphic boundary
boundary faults
Ontario, petrology 72(3-4) 263-281
Quebec, petrology 72(3-4) 263-281
Western Australia 88(1-4) 173-205
Br *see* bromine
Brachina Formation
stratigraphy 100(1-3) 299-312
Bramble Sector
intrusions 53(3-4) 233-242
Brandkop Subgroup
Proterozoic 63(3-4) 247-272
Brasilia Belt
stratigraphy 80(1-2) 125-152
Brazil *see also* Bambui Group
Archean
Bahia Brazil 63(3-4) 179-188
Sao Francisco Craton 63(3-4) 179-188
deformation, Quadrilatero Ferrifero 65(1-4) 25-54
diagenesis 70(3-4) 253-268
geochemistry 77(1-2) 23-40
Bahia Brazil 89(1-2) 87-100
Minas Gerais Brazil 89(1-2) 87-100
Sao Francisco Basin 89(1-2) 87-100
Sao Francisco Craton 89(1-2) 87-100
gold ores
Ouro Preto Brazil 68(1-2) 139-167
Quadrilatero Ferrifero 68(1-2) 139-167
Sao Francisco Craton 68(1-2) 139-167
magmas, Borborema 62(3) 323-342
metal ores, Minas Gerais Brazil 58(1-4) 195-214
petrology 68(3-4) 241-255
Bahia Brazil 51(1-4) 283-314; 99(3-4) 309-325
Borborema 87(1-2) 19-32
Brazilian Shield 51(1-4) 283-314; 93(2-3) 153-180; 95(1-2) 41-67
Goias Brazil 80(3-4) 217-238
Sao Francisco Craton 51(1-4) 283-314; 78(1-3) 151-164; 95(1-2) 9-39; 99(3-4) 309-325
Sao Paulo Brazil 51(1-4) 351-374
plate tectonics
Brazilian Shield 76(3-4) 213-227
Rondonia Brazil 76(3-4) 213-227
Sao Francisco Basin 53(1-2) 23-40
Sao Francisco Craton 69(1-4) 169-191; 69(1-4) 327-344; 78(4) 301-302
Proterozoic
Brazilian Shield 59(3-4) 263-282
Goias Brazil 52(3-4) 321-335
Mato Grosso Brazil 59(3-4) 263-282
Quadrilatero Ferrifero 72(3-4) 235-245
stratigraphy
Minas Gerais Brazil 99(3-4) 179-196
Sao Francisco Craton 80(1-2) 125-152; 99(3-4) 179-196
structural geology 92(3) 251-275
Bahia Brazil 79(3-4) 347-361; 84(3-4) 139-162
Borborema 81(3-4) 241-264
Ceara Brazil 81(3-4) 241-264
Goias Brazil 59(1-2) 125-143
Minas Gerais Brazil 77(1-2) 1-15
Parana Brazil 98(1-2) 31-51
Pernambuco Brazil 99(1-2) 1-32
Quadrilatero Ferrifero 90(1-2) 29-58
Sao Francisco Craton 77(1-2) 1-15; 79(3-4) 347-361; 84(3-4) 139-162; 86(3-4) 155-176; 90(1-2) 29-58; 97(1-2) 3-26
Sao Paulo Brazil 98(1-2) 31-51
tectonophysics
Bahia Brazil 82(1-2) 35-62
Sao Francisco Basin 53(1-2) 1-22
Sao Francisco Craton 82(1-2) 35-62; 99(3-4) 255-269
Tocantins River region 81(3-4) 299-310
Brazilian Cycle
Africa, plate tectonics 69(1-4) 327-344
Brazil
deformation 65(1-4) 25-54
geochemistry 77(1-2) 23-40
gold ores 68(1-2) 139-167
petrology 51(1-4) 351-374; 80(3-4) 217-238; 87(1-2) 19-32
structural geology 77(1-2) 1-15; 79(3-4) 347-361; 81(3-4) 241-264; 90(1-2) 29-58; 92(3) 251-275; 99(1-2) 1-32
tectonophysics 81(3-4) 299-310
plate tectonics 82(1-2) 101-112
South America, plate tectonics 69(1-4) 327-344
Brazilian Highlands
structural geology 92(3) 251-275
Brazilian Shield
petrology 51(1-4) 283-314; 93(2-3) 153-180; 95(1-2) 41-67
plate tectonics 76(3-4) 213-227
Proterozoic 59(3-4) 263-282
breccia
Brazil, structural geology 86(3-4) 155-176
South Africa, stratigraphy 67(1-2) 159-180
Western Australia, tectonics 88(1-4) 207-231
Brennevinsfjorden Group
petrology 70(3-4) 215-234
Brevik Gabbro
plate tectonics 92(1) 1-20
Brevoort Island
Archean 93(1) 5-26
Bridger Batholith
petrology 89(3-4) 145-173
Bridges layered intrusion
petrology 56(1-2) 73-87; 68(1-2) 179-181
brines
China 72(3-4) 185-197
Greenland
geochemistry 82(3-4) 177-189
metamorphism 72(3-4) 227-234
India, petrology 91(1-2) 41-63

Brioverian
France 51(1-4) 393-427
British Columbia
Proterozoic, Cariboo Mountains 73(1-4) 71-99
British Guiana *see* Guyana
Britt Domain
structural geology 89(1-2) 25-45
brittle deformation *see also* cataclasis
Canadian Shield, gold ores 84(1-2) 83-103
Gabon, gold ores 77(3-4) 143-159
Greenland, gold ores 62(1-2) 61-82
Labrador, metamorphic rocks 75(1-2) 91-118
Newfoundland, metamorphic rocks 75(1-2) 91-118
South Africa 96(3-4) 263-288
Western Australia 75(1-2) 47-63; 88(1-4) 207-231
Brockman Iron Formation
79(1-2) 3-24
sedimentation 60(1-4) 243-286
Broken Hill
metal ores 90(3-4) 203-238
Broken Hill Block
metal ores 98(1-2) 1-10
Broken Hill Deposit
metal ores 79(3-4) 281-305
Broken Hill Mine
metal ores 98(1-2) 1-10
bromine
Greenland, geochemistry 82(3-4) 177-189
brown mica *see* phlogopite
Brucebyen Formation
sedimentary petrology 61(3-4) 181-190
Bruna Gneiss
geochronology 71(1-4) 229-250
Brunovistulian Complex
geochemistry 62(1-2) 103-125
Bryah Group
metal ores 90(3-4) 119-140
structural geology 90(3-4) 141-158
Buanji Group
structural geology 62(3) 207-226
Buena Vista Quadrangle
geochemistry 84(1-2) 37-62
Buhoro Massif
petrology 68(3-4) 323-356
Buhwa greenstone belt
stratigraphy 77(3-4) 161-178
Bukoban Group
structural geology 62(3) 207-226
Buksefjorden
geochemistry 57(1-2) 49-90
Bulai Gneiss
petrology 93(4) 299-337
Bullfinch-Parker Dome
structural geology 85(3-4) 147-171
Bundelkhand
stratigraphy 79(3-4) 307-325
Burakovka Complex
petrology 75(1-2) 31-46
Bureya Block
plate tectonics 89(1-2) 1-23
Burgoyne Batholith
magmas 79(3-4) 371-394
burial metamorphism
Nebraska, paleomagnetism 76(1-2) 47-65
Burkina Faso
paleobotany 57(1-2) 121-133
sedimentary petrology 80(3-4) 153-172
tectonophysics 69(1-4) 199-227
Burkinian
tectonophysics 65(1-4) 207-229
Burnside Batholith
structural geology 75(1-2) 47-63
Burnside Granite
structural geology 59(1-2) 95-123
Burntwood River Group
structural geology 72(1-2) 147-167
Burtrask shear zone
structural geology 75(1-2) 17-29
Burundi
paleomagnetism 74(4) 225-244
petrology 68(3-4) 323-356
Burwash Formation
metal ores 58(1-4) 1-24
Bushveld Complex
Archean 55(1-4) 17-31
magmas 82(1-2) 113-132
metal ores 79(1-2) 141-169
paleomagnetism 69(1-4) 229-240
petrology 52(1-2) 115-132
stratigraphy 97(3-4) 215-251
Butler Hill Caldera
metasomatism 51(1-4) 245-263
Byelorussia *see* Belarus
Bylot Supergroup
paleobotany 96(1-2) 1-23
C *see* carbon
C-12/C-13 *see* C-13/C-12
C-13
Brazil, stratigraphy 73(1-4) 271-282
South Africa, geochemistry 79(1-2) 171-194
C-13/C-12
Australia
Cambrian 100(1-3) 235-280
geochemistry 63(3-4) 225-246
Proterozoic 99(3-4) 271-308
Brazil
diagenesis 70(3-4) 253-268
geochemistry 89(1-2) 87-100
stratigraphy 73(1-4) 271-282
California, magmas 70(1-2) 1-24
Canada
geochemistry 63(3-4) 225-246
Proterozoic 100(1-3) 371-433
stratigraphy 73(1-4) 101-121; 100(1-3) 121-150
China
Cambrian 57(3-4) 243-323; 93(2-3) 215-233
geochemistry 89(1-2) 77-86; 97(1-2) 59-75
natural gas 54(1) 45-63
Proterozoic 84(3-4) 197-220; 94(1-2) 121-137
Europe, Proterozoic 82(3-4) 311-348
Iran, geochemistry 63(3-4) 225-246
Labrador, geochemistry 77(1-2) 131-141
Minnesota, geochemistry 54(2-4) 131-151
Mongolia, Proterozoic 100(1-3) 371-433
Montana, geochemistry 63(3-4) 225-246
Namibia, geochemistry 63(3-4) 225-246
Newfoundland, geochemistry 77(1-2) 131-141
Northern Territory Australia, stratigraphy 96(1-2) 63-82
Northwest Territories, Proterozoic 90(3-4) 187-202
Ontario
geochemistry 52(3-4) 347-380; 54(2-4) 131-151; 59(3-4) 283-313
metal ores 61(3-4) 279-293
Russian Federation, stratigraphy 73(1-4) 251-270
South Africa
Archean 72(3-4) 247-261
geochemistry 52(3-4) 301-319; 55(1-4) 365-397; 79(1-2) 57-71; 79(1-2) 171-194
metal ores 61(3-4) 279-293
South Australia
Proterozoic 100(1-3) 281-298
stratigraphy 100(1-3) 121-150; 100(1-3) 299-312
Sri Lanka, geochemistry 66(1-4) 183-198; 66(1-4) 325-349
stratigraphy 73(1-4) 27-49; 100(1-3) 3-20
Tasmania Australia, stratigraphy 100(1-3) 299-312
Western Australia
Archean 72(3-4) 247-261
stratigraphy 96(1-2) 63-82
Ca *see* calcium
Cabbage Gum Granite
Proterozoic 71(1-4) 107-129
Cachoeirinha-Salgueiro Belt
magmas 62(3) 323-342

Cadillac Larder Lake Fault
faults 68(3-4) 201-230
Cadomian Orogeny
Denmark, tectonophysics 64(1-4) 419-430
France, petrology 51(1-4) 393-427
New England, structural geology 53(1-2) 41-78
Spain, structural geology 56(1-2) 113-137
caesium *see* cesium
calcite
Northwest Territories, Proterozoic 90(3-4) 187-202
South Africa, Archean 72(3-4) 247-261
Sri Lanka, geochemistry 66(1-4) 325-349
Western Australia
Archean 72(3-4) 247-261
Invertebrata 96(1-2) 25-39
calcium
China, Proterozoic 84(3-4) 197-220
Europe, Proterozoic 82(3-4) 311-348
sea water 52(3-4) 337-345
sedimentary petrology 73(1-4) 283-289
Western Australia, geochemistry 83(1-3) 109-132
calcium phosphates
geochemistry 61(3-4) 209-229
calderas
Missouri, metasomatism 51(1-4) 245-263
Caledonian Orogeny
Canada, tectonophysics 82(1-2) 174-175
Europe, paleomagnetism 69(1-4) 25-50
Greenland 63(1-2) 163-178
structural geology 72(3-4) 301-315
tectonophysics 82(1-2) 174-175
Russian Federation, plate tectonics 64(1-4) 3-21
Caledonides
geochronology 57(3-4) 195-206
Mohorovicic discontinuity 64(1-4) 23-51
petrology 70(3-4) 215-234
stratigraphy 73(1-4) 197-216
California
algae
Death Valley 61(3-4) 241-278
Kingston Range 61(3-4) 241-278
geochemistry 91(1-2) 109-142
magmas, San Gabriel Mountains 70(1-2) 1-24
Cambrian *see also* Cadomian Orogeny; Krol Formation; Ross Orogeny; Yudomian 73(1-4) 27-49
Antarctica 75(3-4) 231-250
Australia 85(3-4) 173-199; 100(1-3) 235-280
Brazil 78(4) 301-302; 99(1-2) 1-32
Canada 73(1-4) 51-70
China 57(3-4) 243-323; 85(3-4) 173-199; 89(1-2) 77-86; 93(2-3) 215-233; 97(1-2) 59-75
Egypt 80(1-2) 1-22
Europe 62(1-2) 103-125
Greenland 73(1-4) 217-233
Himalayas 59(3-4) 325-327
India 92(1) 21-35
Nama System 63(3-4) 247-272; 73(1-4) 137-151; 73(1-4) 153-171
Namibia 73(1-4) 51-70
Newfoundland 73(1-4) 123-136
Northern Territory Australia 86(1-2) 93-113
Nova Scotia 76(1-2) 93-113
Semri Series
paleobotany 74(1-2) 91-117
problematic fossils 72(3-4) 171-184
South Africa 97(3-4) 303-323
South Australia 73(1-4) 51-70; 100(1-3) 21-63; 100(1-3) 65-95; 100(1-3) 151-179
Yukon Territory 69(1-4) 95-112
Cameroon
Archean 67(3-4) 321-347
petrology 62(3) 191-205
structural geology 87(3-4) 161-216
Campbell Group
Archean 79(1-2) 73-100
paleobotany 75(1-2) 65-90
Campbell Mine
gold ores 84(1-2) 83-103
Campbellrand Subgroup
Archean 79(1-2) 25-35
Campos Gerais Complex
geochemistry 77(1-2) 23-40
Canada *see also* Eastern Canada; Northwest Territories; Western Canada
Archean, Baffin Island 93(1) 5-26
Cambrian 73(1-4) 51-70
deformation, Grenville Front 92(2) 145-164
folds, Grenville Front 85(3-4) 117-146
geochemistry 81(1-2) 3-14
Mackenzie Mountains 63(3-4) 225-246
Reindeer Lake 92(1) 37-64
geochronology 91(3-4) 383-399
metal ores
Elzevir Terrane 58(1-4) 401-426
Grenville Front 58(1-4) 401-426
Labrador Trough 58(1-4) 401-426
orogeny, Grenville Front 86(3-4) 117-154
paleobotany, Baffin Island 96(1-2) 1-23
petrology 83(1-3) 1-10
Grenville Front 72(3-4) 263-281
Proterozoic 100(1-3) 181-211; 100(1-3) 371-433
Canadian Cordillera 73(1-4) 71-99
Great Slave Lake 90(3-4) 187-202
stratigraphy 100(1-3) 121-150
Mackenzie Mountains 73(1-4) 101-121
structural geology
Baffin Island 93(1) 27-49
Ungava 93(1) 27-49
tectonics
Canadian Cordillera 52(1-2) 1-35
Grenville Front 63(1-2) 123-142
Mackenzie Mountains 52(1-2) 1-35
Reindeer Zone 90(1-2) 85-101
tectonophysics 82(1-2) 174-175
Canadian Cordillera 69(1-4) 95-112
Grenville Front 91(3-4) 445-454
Mackenzie Mountains 69(1-4) 95-112
Canadian Cordillera
Proterozoic 73(1-4) 71-99
tectonics 52(1-2) 1-35
tectonophysics 69(1-4) 95-112
Canadian Shield *see also* Huronian; Northwest Territories
Archean
Michipicoten Belt 76(3-4) 191-211
Slave Province 94(3-4) 175-204
Superior Province 92(3) 277-295; 97(1-2) 77-97
crust, Slave Province 99(3-4) 197-224
deformation
Grenville Province 92(2) 145-164
Kapuskasing Zone 93(1) 51-70
foliation, Pontiac Subprovince 68(3-4) 183-200
geochemistry
Abitibi Belt 91(1-2) 109-142
Cape Smith fold belt 91(1-2) 109-142
Central Gneiss Belt 85(1-2) 97-113
Michipicoten Belt 76(3-4) 119-153; 76(3-4) 155-190
Nain Province 77(1-2) 131-141
Pontiac Subprovince 91(1-2) 109-142
Slave Province 67(3-4) 207-241
Superior Province 52(1-2) 53-69; 65(1-4) 115-153; 81(1-2) 3-14; 92(2) 89-116; 92(4) 365-387; 93(4) 257-279; 96(1-2) 83-99
Wawa Belt 76(3-4) 119-153; 76(3-4) 155-190; 94(3-4) 139-173
geochronology 91(3-4) 383-399
Grenville Province 77(3-4) 231-241
Rae Province 61(1-2) 27-50; 68(1-2) 1-21; 95(3-4) 187-223
Superior Province 67(1-2) 89-107
gold ores, Superior Province 84(1-2) 83-103
lava, Superior Province 89(1-2) 59-76
magmas
Grenville Province 53(3-4) 199-231
Superior Province 51(1-4) 27-50
Wabigoon Belt 81(3-4) 223-239
metal ores
Slave Province 58(1-4) 1-24
Superior Province 58(1-4) 25-54
metamorphic rocks, Grenville Province 90(1-2) 59-83

orogeny, Grenville Province 80(3-4) 239-260
petrology
Abitibi Belt 52(1-2) 71-96; 62(3) 285-305; 78(1-3) 53-63; 97(1-2) 27-42
Grenville Province 62(3) 285-305; 72(3-4) 263-281; 79(3-4) 327-346; 81(1-2) 67-82
Kapuskasing Zone 92(2) 117-128
Nain Province 51(1-4) 193-225; 63(3-4) 293-323
Pontiac Subprovince 62(3) 285-305; 72(3-4) 263-281
Quetico Belt 92(2) 117-128
Rae Province 77(1-2) 59-89
Superior Province 83(1-3) 1-10
Wabigoon Belt 81(3-4) 155-178
Wawa Belt 92(2) 117-128
plate tectonics
Cape Smith fold belt 63(3-4) 211-223
Grenville Province 91(3-4) 433-444
Nain Province 63(3-4) 325-347
Rae Province 63(3-4) 325-347
Superior Province 63(3-4) 325-347
Proterozoic, Slave Province 90(3-4) 187-202
stratigraphy, Superior Province 69(1-4) 1-10; 86(3-4) 201-223
structural geology
Cape Smith fold belt 93(1) 27-49
Central Gneiss Belt 59(1-2) 73-94; 89(1-2) 25-45
Flin Flon Belt 72(1-2) 147-167; 80(1-2) 107-124
Grenville Province 81(1-2) 101-128
Nain Province 70(3-4) 169-190; 81(1-2) 15-35; 91(1-2) 91-107
Pontiac Subprovince 61(1-2) 51-66
Rae Province 70(3-4) 169-190; 81(1-2) 15-35; 91(1-2) 91-107
Superior Province 93(1) 27-49
tectonics
Flin Flon Belt 90(1-2) 85-101
Superior Province 90(1-2) 85-101
tectonophysics, Abitibi Belt 63(1-2) 59-81; 65(1-4) 183-205

Canyon Formation
Cambrian 73(1-4) 217-233
carbonates 53(3-4) 281-299

Cape Breton Island
geochemistry 56(1-2) 33-49
magmas 76(1-2) 93-113

Cape fold belt
tectonophysics 97(3-4) 303-323

Cape Granite Suite
tectonophysics 97(3-4) 303-323

Cape Province region
geochemistry 72(1-2) 109-145
volcanism 61(1-2) 117-136

Cape River Province
geochronology 89(3-4) 101-127

Cape Smith fold belt
geochemistry 91(1-2) 109-142
plate tectonics 63(3-4) 211-223
structural geology 93(1) 27-49

Capelin Cove Pluton
magmas 76(1-2) 93-113

Capiru Formation
structural geology 98(1-2) 31-51

Capricorn Orogeny
metal ores 58(1-4) 345-354; 90(3-4) 119-140
metamorphism 83(4) 243-265
structural geology 90(3-4) 141-158

Caraca Group
Proterozoic 72(3-4) 235-245

Carawine Dolomite
Archean 72(3-4) 247-261
sedimentary petrology 60(1-4) 287-335

carbon *see also* graphitization
C-13
Brazil 73(1-4) 271-282
South Africa 79(1-2) 171-194
C-13/C-12
Australia 63(3-4) 225-246; 99(3-4) 271-308; 100(1-3) 235-280
Brazil 70(3-4) 253-268; 73(1-4) 271-282; 89(1-2) 87-100
California 70(1-2) 1-24
Canada 63(3-4) 225-246; 73(1-4) 101-121; 100(1-3) 121-150; 100(1-3) 371-433
China 54(1) 45-63; 57(3-4) 243-323; 84(3-4) 197-220; 89(1-2) 77-86; 93(2-3) 215-233; 94(1-2) 121-137; 97(1-2) 59-75
Europe 82(3-4) 311-348
Iran 63(3-4) 225-246
Labrador 77(1-2) 131-141
Minnesota 54(2-4) 131-151
Mongolia 100(1-3) 371-433
Montana 63(3-4) 225-246
Namibia 63(3-4) 225-246
Newfoundland 77(1-2) 131-141
Northern Territory Australia 96(1-2) 63-82
Northwest Territories 90(3-4) 187-202
Ontario 52(3-4) 347-380; 54(2-4) 131-151; 59(3-4) 283-313; 61(3-4) 279-293
Russian Federation 73(1-4) 251-270
South Africa 52(3-4) 301-319; 55(1-4) 365-397; 61(3-4) 279-293; 72(3-4) 247-261; 79(1-2) 57-71; 79(1-2) 171-194
South Australia 100(1-3) 121-150; 100(1-3) 281-298; 100(1-3) 299-312
Sri Lanka 66(1-4) 183-198; 66(1-4) 325-349
stratigraphy 73(1-4) 27-49; 100(1-3) 3-20
Tasmania Australia 100(1-3) 299-312
Western Australia 72(3-4) 247-261; 96(1-2) 63-82
Greenland 53(3-4) 281-299
Mauritania 53(3-4) 281-299
organic carbon
Arctic region 53(3-4) 165-197
China 54(1) 45-63; 93(2-3) 215-233
Europe 82(3-4) 311-348
Gabon 65(1-4) 341-356
Michigan 54(1) 65-79
Northern Territory Australia 54(1) 81-108; 96(1-2) 63-82
Russian Federation 54(1) 37-44
South Africa 79(1-2) 57-71
South Australia 74(3) 119-175
Spitsbergen 53(3-4) 165-197
stratigraphy 73(1-4) 27-49
Western Australia 88(1-4) 109-142; 96(1-2) 63-82
Wisconsin 54(1) 65-79

carbon dioxide
Australia, fluid inclusions 66(1-4) 309-323
Europe, Proterozoic 82(3-4) 311-348
Finland, tectonophysics 64(1-4) 85-108
India, petrology 65(1-4) 167-181; 66(1-4) 379-392; 91(1-2) 41-63
Russian Federation
fluid inclusions 62(4) 431-451
tectonophysics 64(1-4) 85-108
sedimentary petrology 73(1-4) 283-289
South Africa
geochemistry 55(1-4) 365-397
metal ores 79(1-2) 141-169
petrology 55(1-4) 321-325; 55(1-4) 337-352
South Australia, metal ores 79(3-4) 281-305
Sri Lanka
geochemistry 66(1-4) 325-349
petrology 66(1-4) 379-392
Western Australia, geochemistry 80(1-2) 49-76
Zimbabwe, petrology 55(1-4) 321-325

carbon monoxide
Colorado, stratigraphy 87(1-2) 1-18
Utah, stratigraphy 87(1-2) 1-18
carbon-13 *see* C-13
carbonaceous shale *see* black shale

carbonate platforms
Arctic region, stratigraphy 53(3-4) 165-197
Australia, Archean 79(1-2) 25-35
China, geochemistry 80(1-2) 23-48

Europe, Proterozoic 82(3-4) 311-348
India, Archean 97(3-4) 269-302
South Africa
Archean 79(1-2) 25-35
metal ores 79(1-2) 141-169
metamorphism 55(1-4) 1-5
South Australia, Archean 97(3-4) 269-302
Spitsbergen, stratigraphy 53(3-4) 165-197
Western Australia, Archean 97(3-4) 269-302
Zimbabwe, metamorphism 55(1-4) 1-5
carbonate rocks *see also* dolostone; grainstone; limestone
73(1-4) 283-289
Brazil
geochemistry 89(1-2) 87-100
Proterozoic 72(3-4) 235-245
stratigraphy 73(1-4) 271-282; 99(3-4) 179-196
British Columbia, Proterozoic 73(1-4) 71-99
Canada, Proterozoic 100(1-3) 371-433
China
Cambrian 57(3-4) 243-323
non-metal deposits 72(3-4) 185-197
India, geochemistry 72(1-2) 69-95
Mongolia, Proterozoic 100(1-3) 371-433
Namibia, Proterozoic 63(3-4) 247-272
Northern Territory Australia 59(3-4) 225-241
stratigraphy 72(1-2) 1-41
Protista 85(3-4) 201-239
Queensland Australia, stratigraphy 72(1-2) 1-41
Russian Federation, petroleum 54(1) 37-44
South Africa
Archean 79(1-2) 73-100
metasomatism 92(2) 129-144
stratigraphy 73(1-4) 27-49
Sweden, magmas 52(3-4) 187-214
Western Australia 60(1-4) 287-335
Archean 97(3-4) 165-189
carbonates *see also* ankerite; aragonite; calcite; dolomite; magnesian calcite; siderite
Greenland 53(3-4) 281-299
Mauritania 53(3-4) 281-299
carbonatites
Algeria, structural geology 65(1-4) 155-166
India 65(1-4) 167-181
carbonatization *see also* dolomitization
metal ores 58(1-4) 387-400
Carboniferous
New South Wales Australia 71(1-4) 251-263
Northern Territory Australia 71(1-4) 17-43; 71(1-4) 207-227
Cardamom Hills Massif
geochemistry 55(1-4) 469-489
plate tectonics 70(3-4) 269-280
Cardenas Lava
petrology 65(1-4) 255-276
Cariboo Mountains
Proterozoic 73(1-4) 71-99
Carleton gold field
Archean 97(3-4) 191-214
Carlindi Batholith
structural geology 88(1-4) 233-247
tectonics 88(1-4) 207-231
Carlingup Terrane
metal ores 96(3-4) 143-181
Carmichael Subbasin
Cambrian 86(1-2) 93-113
Carpathians *see* Transylvanian Alps
Carrington Granitic Suite
geochronology 71(1-4) 45-68
Cartier Batholith
geochemistry 82(3-4) 265-285
Caruaru Brazil
structural geology 99(1-2) 1-32
Cascade County Montana
algae 61(3-4) 241-278
cataclasis
Ontario, structural geology 77(1-2) 41-57
catagenesis
Russian Federation, petroleum 54(1) 37-44
Catarina Fault
structural geology 90(1-2) 29-58
cathodoluminescence 53(3-4) 165-197; 70(3-4) 253-268; 84(1-2) 17-36; 87(3-4) 117-135; 87(3-4) 135-159; 89(3-4) 101-127; 94(1-2) 73-99; 95(3-4) 225-243; 98(3-4) 173-195
Catoctin Formation 97(1-2) 115-134
Ce *see* cerium
Ceara Brazil
structural geology 81(3-4) 241-264
Cechy Republic *see* Czech Republic
Cedro Belt
structural geology 81(3-4) 241-264
cement
Australia, Archean 79(1-2) 25-35
China, paleobotany 96(3-4) 183-208
India, stratigraphy 92(1) 21-35
Montana, diagenesis 63(1-2) 83-96
Northwest Territories
Proterozoic 90(3-4) 187-202
stratigraphy 68(1-2) 115-137
Ontario, petrology 84(1-2) 17-36
South Africa, Archean 79(1-2) 25-35
Cenozoic *see* Tertiary
Central Africa *see* Angola; Burundi; Congo; Equatorial Guinea; Gabon
Central African Republic
petrology 68(1-2) 97-113
Central Europe *see* Bohemian Massif; Czech Republic; Germany
Central Gneiss Belt
geochemistry 85(1-2) 97-113
structural geology 59(1-2) 73-94; 89(1-2) 25-45
central granite *see* batholiths
Central Rand Group
74(4) 203-223; 81(1-2) 145-149; 97(3-4) 191-214
gold ores 95(3-4) 167-185
Centralian Subbasin
Proterozoic 92(1) 65-87
Centralian Superbasin
Proterozoic 73(1-4) 173-195
Cerebrosphaera buickii
Proterozoic 100(1-3) 181-211; 100(1-3) 281-298
cerium
China, Cambrian 93(2-3) 215-233
India, geochemistry 61(1-2) 137-164
cesium
Swaziland, magmas 61(1-2) 89-116
Sweden, petrology 82(1-2) 85-99
Ceylon *see* Sri Lanka
Chace Quartzite Member
Cambrian 100(1-3) 65-95
Chaibasa Formation
Proterozoic 84(1-2) 63-81
Chaillu Craton
diagenesis 65(1-4) 341-356
chain silicates *see* amphibole group; pyroxene group; wollastonite
Chakradharpur Granite
geochemistry 67(3-4) 181-206
Chakradharpur Granite Gneiss
metal ores 58(1-4) 71-83
chalybite *see* siderite
chambers, magma *see* magma chambers
Chandler Fault
geochronology 71(1-4) 251-263
Chang Jiang River *see* Yangtze River
Changchengian Group
paleobotany 57(1-2) 135-163
Changjiang River *see* Yangtze River
Channingum Granite
Proterozoic 71(1-4) 107-129
Chapman Ridge
petrology 63(1-2) 1-26
characteristic remanent magnetization
Australia, stratigraphy 85(3-4) 173-199
China, stratigraphy 85(3-4) 173-199
charnockite
51(1-4) 173-192; 55(1-4) 399-405
Africa 93(4) 299-337
Antarctica
structural geology 63(3-4) 273-291
tectonics 86(1-2) 1-19
Appalachians, geochronology 99(1-2) 113-146

Australia 81(1-2) 37-66
Bolivia 94(1-2) 73-99
Brazil 51(1-4) 351-374; 87(1-2) 19-32
geochemistry 77(1-2) 23-40
Cameroon, Archean 67(3-4) 321-347
Canadian Shield, structural geology 68(3-4) 291-306
Chile 94(1-2) 73-99
Greenland
Archean 62(3) 239-270
tectonophysics 91(3-4) 365-381
India 66(1-4) 379-392; 66(1-4) 393-409
geochemistry 55(1-4) 469-489
plate tectonics 70(3-4) 269-280
Ivory Coast, tectonics 86(3-4) 177-199
Labrador, structural geology 70(3-4) 169-190
Mexico 94(1-2) 73-99
New York 57(1-2) 1-19
Newfoundland, structural geology 70(3-4) 169-190
Nigeria, structural geology 87(1-2) 65-74
Norway 64(1-4) 347-360
Quebec 79(3-4) 327-346
Russian Federation 62(4) 473-491
plate tectonics 89(1-2) 1-23
Scotland, Archean 62(3) 239-270
South Africa 55(1-4) 429-449
geochronology 62(1-2) 83-101
structural geology 96(3-4) 263-288
Sri Lanka 66(1-4) 379-392
geochemistry 66(1-4) 183-198
geochronology 66(1-4) 95-110
plate tectonics 66(1-4) 77-91; 70(3-4) 269-280
Sweden 64(1-4) 347-360
Proterozoic 64(1-4) 361-388; 79(3-4) 239-259
structural geology 98(3-4) 173-195
Texas 94(1-2) 73-99
Virginia, geochemistry 84(1-2) 37-62
Western Australia, structural geology 78(1-3) 179-196
Zimbabwe 55(1-4) 407-427; 55(1-4) 429-449

charnoenderbite
South Africa
geochemistry 55(1-4) 451-467
metamorphic rocks 55(1-4) 429-449
Zimbabwe
geochemistry 55(1-4) 451-467
metamorphic rocks 55(1-4) 429-449

Chaval Terrane
structural geology 81(3-4) 241-264

Chechang Granite
intrusions 56(1-2) 1-31

Cheela Springs Basalt Member
Proterozoic 99(1-2) 33-64

Chela Group
stratigraphy 59(1-2) 1-13

Chelima Lamproite
Proterozoic 79(3-4) 363-369

chemical remanent magnetization
Canada, tectonics 90(1-2) 85-101
India, stratigraphy 79(3-4) 307-325
Western Australia, stratigraphy 69(1-4) 133-155

chemical weathering
Finland, stratigraphy 64(1-4) 253-271
India, stratigraphy 79(3-4) 307-325
Western Australia, geochemistry 80(1-2) 49-76

chemically precipitated rocks *see* chert; evaporites; iron formations; ironstone; phosphate rocks; silcrete

chemostratigraphy
73(1-4) 27-49; 100(1-3) 3-20
Australia 100(1-3) 1-433
Cambrian 100(1-3) 235-280
Proterozoic 99(3-4) 271-308
Brazil 73(1-4) 271-282
geochemistry 89(1-2) 87-100
Canada 73(1-4) 101-121; 100(1-3) 121-150
Proterozoic 100(1-3) 181-211
China, Proterozoic 84(3-4) 197-220
Greenland, Cambrian 73(1-4) 217-233
Namibia, Proterozoic 100(1-3) 181-211
Newfoundland, Cambrian 73(1-4) 123-136
Northern Territory Australia, Proterozoic 73(1-4) 173-195
Ontario, geochemistry 76(3-4) 119-153
Russian Federation 73(1-4) 251-270
South Australia 100(1-3) 121-150; 100(1-3) 151-179; 100(1-3) 299-312
Proterozoic 100(1-3) 181-211; 100(1-3) 281-298
Tasmania Australia 100(1-3) 299-312

Chengjiang Formation
stratigraphy 85(3-4) 173-199

chert
Africa 67(3-4) 243-276
China, paleobotany 96(3-4) 183-208
Gabon 65(1-4) 341-356
paleobotany 81(3-4) 197-221
India, geochemistry 61(1-2) 137-164
Labrador, geochemistry 77(1-2) 131-141
Newfoundland, geochemistry 77(1-2) 131-141
Northern Territory Australia, stratigraphy 96(1-2) 63-82
Ontario, geochemistry 59(3-4) 283-313
Protista 85(3-4) 201-239
Rocky Mountains, algae 61(3-4) 241-278
Russian Federation, paleobotany 65(1-4) 231-254
South Africa
Archean 54(2-4) 271-293
geochemistry 72(1-2) 109-145
Western Australia
geochemistry 57(1-2) 21-47; 80(1-2) 49-76
petrology 78(4) 237-260
stratigraphy 96(1-2) 63-82
structural geology 88(1-4) 25-52
tectonics 88(1-4) 109-142
Zimbabwe, stratigraphy 77(3-4) 161-178

Chervurta Formation
Proterozoic 82(3-4) 311-348

Chewings Orogeny
geochronology 71(1-4) 45-68
Proterozoic 71(1-4) 91-105; 71(1-4) 315-346

Cheyenne Belt
Cretaceous 63(1-2) 97-122

Chichester Range Megasequence
metal ores 58(1-4) 55-70

Chile
metamorphism 94(1-2) 73-99

Chilka Lake
petrology 66(1-4) 393-409

China *see also* Anhui China; Hainan China; Hebei China; Henan China; Hubei China; Hunan China; Jiangsu China; Jiangxi China; Liaoning China; Shanxi China; Xinjiang China; Xizang China
Cambrian, Yangtze River 93(2-3) 215-233
geochemistry, Yangtze Platform 80(1-2) 23-48; 89(1-2) 77-86; 97(1-2) 59-75
geochronology, South China Block 97(1-2) 43-57
intrusions, Taihang Mountains 56(1-2) 1-31
natural gas
Sichuan Basin 54(1) 45-63
Yangtze Platform 54(1) 45-63
paleobotany 73(1-4) 291-298; 96(3-4) 183-208
paleomagnetism
South China Block 94(1-2) 1-10
Yangtze Three Gorges 100(1-3) 313-334
petrology 59(3-4) 207-223
phase equilibria 93(2-3) 181-199
plate tectonics, South China Block 76(1-2) 67-76
Proterozoic, Qinling Mountains 94(1-2) 121-137
stratigraphy, South China Block 85(3-4) 173-199
structural geology 67(1-2) 37-57

Chiratta Complex
structural geology 88(1-4) 173-205

Chitaldrug schist belt *see* Chitradurga schist belt

Chitradurga greenstone belt
geochronology 80(3-4) 205-216
Chitradurga Group
geochronology 59(1-2) 145-170
structural geology 72(3-4) 283-299
Chitradurga schist belt
geochronology 59(1-2) 145-170
Chiure Supergroup
tectonics 62(1-2) 1-59
chlorine
Greenland, geochemistry 82(3-4) 177-189
chlorite
South Africa, geochemistry 79(3-4) 195-207
Spain, petrology 53(3-4) 267-279
Western Australia, Archean 65(1-4) 297-317
chloritization
metal ores 58(1-4) 387-400
Chlorophyta *see* Tasmanites
Chocolate Hill Suite
petrology 60(1-4) 117-149
Chordata *see* Vertebrata
chorology *see* biogeography
Chotanagpur Gneiss
metal ores 58(1-4) 71-83
Chromatium purpuratum
Invertebrata 96(1-2) 25-39
chromite ores
Brazil 58(1-4) 195-214
Canadian Shield 58(1-4) 25-54
Russian Federation 58(1-4) 427-446
chromium
Canadian Shield, geochemistry 94(3-4) 139-173; 96(1-2) 83-99
India, geochemistry 61(1-2) 137-164
Sri Lanka, geochemistry 66(1-4) 223-244
chromium ores *see* chromite ores
Chuar Group
algae 61(3-4) 241-278
Chuaria
paleobotany 65(1-4) 95-114
Chuaria circularis
paleobotany 57(1-2) 121-133
problematic fossils 72(3-4) 171-184
Chuniespoort Group
stratigraphy 67(1-2) 159-180; 81(1-2) 145-149; 97(3-4) 215-251
Churchill Province *see* Cape Smith fold belt; Rae Province
Churchills Head Group
Proterozoic 71(1-4) 107-129
cistern rock *see* laccoliths
Cl *see* chlorine
clastic rocks *see also* arenite; argillite; black shale; breccia; conglomerate; diamictite; flysch; graywacke; molasse; mudstone; orthoquartzite; red beds; sandstone; shale; siliciclastics; siltstone; tillite; tilloid
Northern Territory Australia, stratigraphy 72(1-2) 1-41
Queensland Australia, stratigraphy 72(1-2) 1-41
Spain, petrology 53(3-4) 267-279
Western Australia, structural geology 83(1-3) 11-42
clastic sediments *see also* clay; pebbles; sand
magmas 51(1-4) 1-25
petrology 51(1-4) 161-172
Proterozoic 51(1-4) 337-350
clay
South Africa, petrology 63(1-2) 27-41
clay mineralogy *see also* clay minerals; glauconite; weathering
South Africa, geochemistry 79(3-4) 195-207
clay minerals *see also* illite
geochemistry 61(3-4) 191-207
South Africa, geochemistry 78(4) 273-287
Clearwater Complex
geochronology 61(1-2) 27-50
cleat spar *see* ankerite
cleavage *see also* schistosity; slip cleavage
India, structural geology 72(3-4) 283-299
Northern Territory Australia, Proterozoic 71(1-4) 69-89
Queensland Australia, geochronology 71(1-4) 131-153
South Africa, structural geology 52(1-2) 133-166
Western Australia
Proterozoic 99(1-2) 33-64
structural geology 62(3) 343-365
Cleaverville Group
tectonics 88(1-4) 109-142
Clericy Pluton
geochemistry 52(1-2) 37-51
petrology 52(1-2) 71-96
Clericy Sill
geochemistry 57(3-4) 207-241
climate change
South Australia, stratigraphy 100(1-3) 151-179
climatology, paleo- *see* paleoclimatology
clinoamphibole *see* hornblende
clinopyroxene *see also* diopside; pigeonite
Newfoundland, geochemistry 59(3-4) 243-262
Closepet Granite
magmas 99(3-4) 225-254
CO (carbon monoxide) *see* carbon monoxide
CO2 *see* carbon dioxide
coastal plains
paleontology 56(1-2) 159-166
Coates Lake Group
tectonics 52(1-2) 1-35
Cobalt Group
metal ores 58(1-4) 99-119
cobalt ores
58(1-4) 387-400
Norway 91(3-4) 419-432
Russian Federation 58(1-4) 427-446
Cocanarup Greenstone
metal ores 96(3-4) 143-181
Coccolithophoraceae
China 96(3-4) 183-208
Coccostratus dispergens
paleobotany 96(3-4) 183-208
Cod Island Formation
geochemistry 77(1-2) 131-141
coefficients, partition *see* partition coefficients
Colbeck Archipelago
petrology 63(1-2) 1-26
Colbeck Gneiss
petrology 63(1-2) 1-26
collapse structures
Missouri, metasomatism 51(1-4) 245-263
colloquia *see* symposia
Colorado *see also* Uinta Mountain Group
Cretaceous, Colorado mineral belt 63(1-2) 97-122
magmas, Pikes Peak Batholith 85(1-2) 53-79; 98(3-4) 271-305
metal ores, Saguache County Colorado 61(3-4) 231-240
petrology 82(3-4) 237-263
Wet Mountains 62(1-2) 139-169
Colorado mineral belt
Cretaceous 63(1-2) 97-122
Colorado Province
Cretaceous 63(1-2) 97-122
stratigraphy 87(1-2) 1-18
columbite
Sweden
metamorphism 76(1-2) 15-30
petrology 82(1-2) 85-99
plate tectonics 67(1-2) 141-158
columbium *see* niobium
Comasphaeridium
paleobotany 96(1-2) 1-23
Comasphaeridium tonium
Proterozoic 74(3) 119-175
comendite
Jordan, geochemistry 56(1-2) 51-72
Missouri 51(1-4) 245-263
common mica *see* muscovite
Commonwealth of Independent States *see* Belarus; Russian Federation; Urals
compression tectonics
Antarctica 65(1-4) 277-295

Brazil 65(1-4) 25-54
gold ores 68(1-2) 139-167
Canada 86(3-4) 117-154
Canadian Shield 68(3-4) 291-306
Archean 92(3) 277-295
gold ores 84(1-2) 83-103
plate tectonics 63(3-4) 325-347
Central African Republic, petrology 68(1-2) 97-113
India 72(3-4) 283-299; 99(1-2) 91-111
petrology 66(1-4) 379-392
Ivory Coast, tectonophysics 65(1-4) 207-229
Manitoba 72(1-2) 147-167
Namibia 90(1-2) 1-28
crust 63(1-2) 143-162
Northern Territory Australia 72(1-2) 43-67
Proterozoic 71(1-4) 69-89
Ontario 59(1-2) 73-94; 85(3-4) 117-146
Quebec 61(1-2) 51-66; 68(3-4) 183-200
Russian Federation, metal ores 58(1-4) 289-303
Saskatchewan 72(1-2) 147-167
South Africa 90(1-2) 1-28
crust 63(1-2) 143-162
Spain 56(1-2) 113-137
Sri Lanka, petrology 66(1-4) 379-392
Sweden 64(1-4) 67-84; 64(1-4) 225-238; 70(1-2) 67-91; 75(1-2) 17-29
geochemistry 64(1-4) 239-252
petrology 95(1-2) 147-166
Proterozoic 64(1-4) 361-388
Ukraine, metal ores 58(1-4) 289-303
Western Australia 83(1-3) 11-42; 83(1-3) 57-81; 83(1-3) 83-107; 88(1-4) 25-52; 88(1-4) 83-108
petrology 95(3-4) 275, 277-302
compressional waves *see* P-waves
concentric folds
Missouri, metasomatism 51(1-4) 245-263
Concession Suite
geochemistry 67(3-4) 207-241
Concordia Granite Gneiss
petrology 70(3-4) 303-335
concretions
Brazil 70(3-4) 253-268
China, geochemistry 89(1-2) 77-86
Minnesota, geochemistry 54(2-4) 131-151
Ontario, geochemistry 54(2-4) 131-151
conferences *see* symposia
conglomerate
Appalachians, Proterozoic 97(1-2) 115-134
Arctic region, stratigraphy 53(3-4) 165-197
Brazil, structural geology 86(3-4) 155-176
Burkina Faso 80(3-4) 153-172
Canadian Shield, faults 68(3-4) 201-230
Ghana, geochronology 67(1-2) 89-107
Greenland, metamorphism 72(3-4) 227-234
India, structural geology 72(3-4) 283-299
Morocco, plate tectonics 54(2-4) 295-319
Northwest Territories
Archean 94(3-4) 175-204
stratigraphy 68(1-2) 115-137
Ontario 68(1-2) 23-42
South Africa 68(3-4) 257-290
stratigraphy 54(2-4) 257-269
South Australia, Proterozoic 74(3) 119-175
Spitsbergen, stratigraphy 53(3-4) 165-197
Sweden, structural geology 72(3-4) 199-225
Western Australia 60(1-4) 287-335
Proterozoic 99(1-2) 33-64
structural geology 88(1-4) 25-52
Congo
plate tectonics 69(1-4) 169-191
structural geology 87(3-4) 161-216
Congo Craton
Archean 67(3-4) 321-347; 97(3-4) 269-302
paleomagnetism 74(4) 225-244
petrology 62(3) 191-205
plate tectonics 69(1-4) 327-344
stratigraphy 69(1-4) 113-131
conjugate faults
Brazil 99(1-2) 1-32
Western Australia 88(1-4) 53-66
Connaughton Terrane
metamorphism 83(4) 243-265
Connecting Point Group
geochemistry 59(3-4) 243-262
Constantine Formation
structural geology 94(1-2) 11-28
Conta Historia Syncline
deformation 65(1-4) 25-54
contact metamorphism
Brazil 51(1-4) 283-314
Proterozoic 59(3-4) 263-282
Finland 51(1-4) 193-225
metal ores 51(1-4) 265-281
Labrador 51(1-4) 193-225; 75(1-2) 91-118
Newfoundland 51(1-4) 193-225; 75(1-2) 91-118
Northern Territory Australia 77(3-4) 211-229
Quebec 79(3-4) 327-346
South Africa
geochemistry 79(1-2) 37-55; 79(1-2) 171-194
metal ores 59(1-2) 43-71
Sweden, metal ores 51(1-4) 265-281
tectonophysics 91(1-2) 143-179
contamination, magma *see* magma contamination
contemporaneous faults *see* growth faults
Contendas-Mirante Brazil
Archean 63(3-4) 179-188
continental crust
54(2-4) 324-325; 78(4) 299-301; 91(1-2) 5-13; 91(1-2) 143-179; 91(3-4) 233-252
Africa, petrology 78(1-3) 105-124
Antarctica, tectonics 75(3-4) 121-139
Archean 97(3-4) 143-154
Arizona, petrology 65(1-4) 255-276
Australia, tectonics 55(1-4) 491-506
Brazil 53(1-2) 1-22; 53(1-2) 23-40; 82(1-2) 35-62
structural geology 99(1-2) 1-32
Egypt, geochemistry 80(1-2) 1-22
Finland, Proterozoic 51(1-4) 227-243
Greenland 91(3-4) 365-381
igneous rocks 78(1-3) 1-196
India
petrology 70(1-2) 167-168
sedimentary petrology 70(1-2) 93-112
structural geology 63(1-2) 43-58; 91(1-2) 15-39
Ivory Coast, tectonics 86(3-4) 177-199
Jordan, geochemistry 56(1-2) 51-72
Labrador, Proterozoic 99(1-2) 65-90
Mauritania, Archean 90(3-4) 107-117
mineral resources 54(2-4) 321-323
Newfoundland, Proterozoic 99(1-2) 65-90
Niger, structural analysis 70(3-4) 281-301
Norway 92(3) 297-315
cobalt ores 91(3-4) 419-432
Ontario 91(3-4) 445-454
geochemistry 76(3-4) 119-153
magmas 81(3-4) 223-239
orogeny 55(1-4) 507-524
Russian Federation 64(1-4) 3-21
intrusions 62(4) 493-505
metal ores 58(1-4) 121-141; 58(1-4) 289-303
South Africa, petrology 78(1-3) 139-150
Sri Lanka
petrology 66(1-4) 245-263
structural geology 66(1-4) 59-76
Sweden 92(3) 297-315
petrology 52(3-4) 215-230; 82(1-2) 85-99
Proterozoic 64(1-4) 361-388
tectonics 93(1) 105-117
Tanzania, metamorphism 74(4) 195-202
Ukraine, metal ores 58(1-4) 289-303
Western Australia
geochemistry 83(1-3) 133-183; 96(1-2) 41-62
stratigraphy 97(3-4) 155-164
structural geology 83(1-3) 83-107; 91(1-2) 15-39

Zimbabwe, stratigraphy 97(3-4) 155-164
continental drift *see also* Gondwana; Laurentia
Antarctica, orogeny 75(3-4) 231-250
China, paleomagnetism 100(1-3) 313-334
Seychelles 69(1-4) 281-292
Sweden 69(1-4) 61-79
continental margin *see also* active margins; back-arc basins
Africa, sedimentary petrology 67(3-4) 243-276
China, plate tectonics 81(1-2) 129-144
Namibia, crust 63(1-2) 143-162
Norway, tectonophysics 92(3) 297-315
South Africa, crust 63(1-2) 143-162
Sweden, tectonophysics 92(3) 297-315
Western Australia
metal ores 58(1-4) 345-354
petrology 51(1-4) 51-83
continental migration *see* continental drift
continental type *see* continental crust
Contwoyto Suite
geochemistry 67(3-4) 207-241
Coongan Belt
petrology 83(4) 221-242
structural geology 80(1-2) 89-105
Cooninia Inlier
geochemistry 54(2-4) 211-229
copper ores
58(1-4) 241-287
Africa, sedimentary petrology 67(3-4) 243-276
Brazil 58(1-4) 195-214
Canada 58(1-4) 355-386; 58(1-4) 401-426
Canadian Shield 58(1-4) 25-54
India 58(1-4) 71-83; 77(1-2) 117-130
Michigan, geochemistry 54(1) 65-79
Morocco, volcanism 70(1-2) 25-44
Northwest Territories 58(1-4) 1-24
Ontario 58(1-4) 99-119
Russian Federation 58(1-4) 121-141; 58(1-4) 289-303; 58(1-4) 427-446
South Africa 91(1-2) 65-90
South Australia 79(3-4) 281-305
South Dakota 58(1-4) 85-97
Ukraine 58(1-4) 289-303
United States 58(1-4) 99-119; 58(1-4) 355-386
Western Australia 58(1-4) 345-354; 88(1-4) 67-82; 90(3-4) 119-140; 96(3-4) 143-181; 98(3-4) 243-270
Wisconsin, geochemistry 54(1) 65-79
Wyoming 58(1-4) 85-97
Coppercap Formation
tectonics 52(1-2) 1-35
Copperton Formation
metal ores 59(1-2) 43-71
Coppin Gap
geochemistry 57(1-2) 21-47
Coppin Gap Belt
deformation 88(1-4) 83-108
petrology 95(3-4) 275, 277-302
coral reefs *see* reefs
Coral Sea
tectonophysics, Solomon Sea 65(1-4) 183-205
cordierite
Ontario, geochemistry 52(1-2) 53-69
Zimbabwe, Archean 91(3-4) 269-285
core complexes *see* metamorphic core complexes
coronite
Quebec, metamorphic rocks 90(1-2) 59-83
Correntina-Guanambi Belt
tectonophysics 53(1-2) 1-22
corundum
Ontario, plate tectonics 91(3-4) 433-444
Corunna Downs Batholith
geochemistry 96(1-2) 41-62
petrology 83(4) 221-242
cosmolites *see* meteorites
Cottee Formation
volcanism 94(3-4) 225-250
Cr *see* chromium
Creighton Pluton
deformation 93(1) 51-70
crenulation cleavage *see* slip cleavage
Cretaceous
Colorado 63(1-2) 97-122
New Mexico 63(1-2) 97-122
Thamama Group, sedimentary petrology 61(3-4) 181-190
Crixas greenstone belt
diagenesis 70(3-4) 253-268
CRM *see* chemical remanent magnetization
cross-bedding
India, metal ores 77(1-2) 117-130
Northern Territory Australia 59(3-4) 225-241
South Australia, Proterozoic 74(3) 119-175
cross-stratification
Appalachians, Proterozoic 97(1-2) 115-134
India, Proterozoic 84(1-2) 63-81
Northwest Territories, Archean 81(3-4) 265-297
Scandinavia, stratigraphy 97(3-4) 253-267
Zimbabwe, stratigraphy 77(3-4) 161-178
crossbedding *see* cross-bedding
Crossnore Complex
Proterozoic 68(1-2) 81-95
crust *see also* asthenosphere; crustal shortening; crustal thickening; geothermal gradient; heat flow; isostasy; mobile belts
53(1-2) 1-163; 70(1-2) 166-167; 81(1-2) 152-154; 84(1-2) 113-115
Algeria, structural geology 65(1-4) 155-166
Antarctica, structural geology 75(3-4) 209-229
Arabian Peninsula 53(1-2) 119-147
Australia
geochronology 71(1-4) 1-346
petrology 81(1-2) 37-66
Baltic region 64(1-4) 289-294
Brazil 81(3-4) 299-310; 99(3-4) 255-269
petrology 78(1-3) 151-164
Proterozoic 59(3-4) 263-282
Canada 82(1-2) 174-175
Canadian Shield 99(3-4) 197-224
geochemistry 96(1-2) 83-99
China 78(1-3) 79-94
continental crust 54(2-4) 324-325; 78(4) 299-301; 91(1-2) 5-13; 91(1-2) 143-179; 91(3-4) 233-252
Africa 78(1-3) 105-124
Antarctica 75(3-4) 121-139
Archean 97(3-4) 143-154
Arizona 65(1-4) 255-276
Australia 55(1-4) 491-506
Brazil 53(1-2) 1-22; 53(1-2) 23-40; 82(1-2) 35-62; 99(1-2) 1-32
Egypt 80(1-2) 1-22
Finland 51(1-4) 227-243
Greenland 91(3-4) 365-381
igneous rocks 78(1-3) 1-196
India 63(1-2) 43-58; 70(1-2) 93-112; 70(1-2) 167-168; 91(1-2) 15-39
Ivory Coast 86(3-4) 177-199
Jordan 56(1-2) 51-72
Labrador 99(1-2) 65-90
Mauritania 90(3-4) 107-117
mineral resources 54(2-4) 321-323
Newfoundland 99(1-2) 65-90
Niger 70(3-4) 281-301
Norway 91(3-4) 419-432; 92(3) 297-315
Ontario 76(3-4) 119-153; 81(3-4) 223-239; 91(3-4) 445-454
orogeny 55(1-4) 507-524
Russian Federation 58(1-4) 121-141; 58(1-4) 289-303; 62(4) 493-505; 64(1-4) 3-21
South Africa 78(1-3) 139-150
Sri Lanka 66(1-4) 59-76; 66(1-4) 245-263
Sweden 52(3-4) 215-230; 64(1-4) 361-388; 82(1-2) 85-99; 92(3) 297-315; 93(1) 105-117
Tanzania 74(4) 195-202
Ukraine 58(1-4) 289-303
Western Australia 83(1-3) 83-107; 83(1-3) 133-183; 91(1-2) 15-39; 96(1-2) 41-62; 97(3-4) 155-164
Zimbabwe 97(3-4) 155-164

Ethiopia, structural geology 77(3-4) 179-210
Europe 64(1-4) 153-168
Finland 64(1-4) 273-288
geochemistry 91(3-4) 229-456
Ghana 56(1-2) 97-111
  gold ores 89(3-4) 129-143
Greenland 82(1-2) 174-175
  geochemistry 57(1-2) 49-90
  Proterozoic 63(1-2) 163-178
India
  deformation 65(1-4) 319-339
  geochemistry 62(1-2) 127-137; 98(1-2) 53-65
  geochronology 77(1-2) 17-22
  metal ores 78(4) 297-298
  petrology 84(3-4) 181-196
Labrador, petrology 68(3-4) 357-374; 93(4) 281-297
lower crust
  Canadian Shield 65(1-4) 115-153
  Egypt 80(1-2) 1-22
  Estonia 79(3-4) 209-226
  Latvia 79(3-4) 209-226
  Ontario 51(1-4) 27-50
  petrology 51(1-4) 161-172
  Russian Federation 62(4) 473-491
  South Africa 55(1-4) 187-200
  Sri Lanka 66(1-4) 21-37; 66(1-4) 39-57; 66(1-4) 59-76; 66(1-4) 77-91
  Zimbabwe 55(1-4) 187-200
Manitoba
  geochronology 68(1-2) 1-21
  structural geology 80(1-2) 107-124
middle crust, Brazil 77(1-2) 1-15
Montana, Archean 91(3-4) 295-307
Morocco, petrology 53(1-2) 79-97
Mozambique, tectonics 62(1-2) 1-59
Namibia 63(1-2) 143-162
New South Wales Australia, geochronology 71(1-4) 251-263
Newfoundland, petrology 68(3-4) 357-374; 93(4) 281-297
Nigeria, structural geology 87(1-2) 65-74
Northern Territory Australia 65(1-4) 71-94
  geochronology 71(1-4) 17-43
  metamorphism 71(1-4) 183-205
  Proterozoic 71(1-4) 91-105; 71(1-4) 265-299; 71(1-4) 315-346
Norway 64(1-4) 403-417; 72(1-2) 97-107
oceanic crust 91(1-2) 143-179; 92(4) 387-412
  Australia 69(1-4) 293-306
  Canada 81(1-2) 3-14
  Canadian Shield 65(1-4) 115-153; 76(3-4) 155-190
  China 81(1-2) 129-144
  Ethiopia 76(1-2) 3-14
  Mali 65(1-4) 55-69
  Morocco 54(2-4) 295-319
  Ontario 68(1-2) 23-42
  South Africa 97(3-4) 303-323
  Uruguay 74(3) 177-194
  Western Australia 91(1-2) 181-227
Ontario, petrology 78(1-3) 53-63
Quebec, geochronology 77(3-4) 231-241
Russian Federation 64(1-4) 189-195; 64(1-4) 273-288; 72(1-2) 97-107; 91(3-4) 333-363
Saskatchewan, geochronology 95(3-4) 187-223
Scandinavia 64(1-4) 289-294
Scotland, geochronology 91(3-4) 401-418
South Africa 63(1-2) 143-162
  geochronology 95(3-4) 225-243
  petrology 55(1-4) 1-587; 55(1-4) 321-325
Sri Lanka
  geochronology 66(1-4) 95-110; 66(1-4) 111-121
  petrology 66(1-4) 1-409
Swaziland
  magmas 61(1-2) 89-116
  petrology 67(1-2) 109-139
Sweden 64(1-4) 311-317
  geochemistry 64(1-4) 319-335
  lead ores 81(1-2) 83-99
  structural geology 64(1-4) 67-84; 70(3-4) 235-251
Tanzania, petrology 77(1-2) 105-115
United States 65(1-4) 71-94
Western Australia
  folds 83(1-3) 43-56
  geochemistry 83(1-3) 109-132
  geochronology 95(3-4) 225-243
  magmas 60(1-4) 151-174
  structural geology 60(1-4) 185-241; 78(1-3) 179-196
Wyoming, Archean 91(3-4) 295-307
Zimbabwe, petrology 55(1-4) 1-587; 55(1-4) 321-325

crustal shortening *see also* transpression
Africa, metal ores 58(1-4) 305-344
Arizona, structural geology 67(3-4) 349-356
Brazil, structural geology 84(3-4) 139-162
Canadian Shield
  gold ores 84(1-2) 83-103
  plate tectonics 63(3-4) 325-347
Far East, structural geology 55(1-4) 571-587
Finland, tectonophysics 82(1-2) 13-34
Himalayas, structural geology 55(1-4) 571-587
India, structural geology 63(1-2) 43-58; 99(1-2) 91-111
Ivory Coast, geochemistry 87(1-2) 33-63
Malawi, structural geology 62(3) 207-226
New Mexico, structural geology 67(3-4) 349-356
Niger, structural analysis 70(3-4) 281-301
Northern Territory Australia
  Proterozoic 71(1-4) 107-129; 71(1-4) 155-181
  volcanism 94(3-4) 225-250
Ontario, folds 85(3-4) 117-146
petrology 82(3-4) 237-263
Queensland Australia
  geochronology 71(1-4) 131-153
  volcanism 94(3-4) 225-250
South Africa
  petrology 75(1-2) 1-15
  sedimentary petrology 68(3-4) 257-290
  structural geology 55(1-4) 539-552; 55(1-4) 553-570
South Australia, Proterozoic 71(1-4) 155-181
Sri Lanka, structural geology 75(3-4) 263-277
Sweden
  deformation 78(4) 293-295
  structural geology 72(3-4) 199-225; 75(1-2) 17-29
Tanzania, structural geology 62(3) 207-226
Western Australia
  magmas 83(1-3) 203-219
  structural geology 68(1-2) 43-64; 83(1-3) 11-42; 85(3-4) 147-171; 88(1-4) 53-66
Zimbabwe, structural geology 55(1-4) 539-552; 55(1-4) 553-570

crustal thickening
Africa
  sedimentary petrology 67(3-4) 243-276
  structural geology 87(3-4) 161-216
  tectonophysics 69(1-4) 199-227
Atlantic region, plate tectonics 69(1-4) 169-191
Brazil
  structural geology 81(3-4) 241-264
  tectonophysics 82(1-2) 35-62
Canadian Shield, geochemistry 67(3-4) 207-241
China
  phase equilibria 93(2-3) 181-199
  structural geology 67(1-2) 37-57
Finland
  isostasy 86(1-2) 21-44
  tectonophysics 82(1-2) 13-34
French Guiana, structural geology 92(2) 165-194
Gabon, gold ores 77(3-4) 143-159
Ghana, foliation 82(1-2) 153-171

Greenland, petrology 78(1-3) 1-39
Labrador, orogeny 80(3-4) 239-260
Newfoundland, orogeny 80(3-4) 239-260
Niger, folds 67(1-2) 59-88
South Africa, petrology 87(1-2) 87-115
South America, tectonophysics 69(1-4) 199-227
Sri Lanka, structural geology 66(1-4) 21-37
Sweden
isostasy 86(1-2) 21-44
plate tectonics 67(1-2) 141-158
structural geology 75(1-2) 17-29
Tanzania, metamorphism 74(4) 195-202
Togo, foliation 82(1-2) 153-171
Western Australia
metamorphism 83(4) 243-265
petrology 88(1-4) 3-23
Zimbabwe, petrology 87(1-2) 87-115

crustal thinning
Africa, structural geology 87(3-4) 161-216

cryotectonics *see* glaciotectonics

crystal chemistry
Antarctica, metamorphic rocks 93(2-3) 235-258
Brazil, diagenesis 70(3-4) 253-268
China, phase equilibria 93(2-3) 181-199
geochemistry 61(3-4) 209-229

crystal fractionation
Canadian Shield, geochemistry 96(1-2) 83-99
Colorado, magmas 98(3-4) 271-305
Egypt, geochemistry 82(3-4) 211-236
Israel, magmas 92(2) 195-213
South Africa, petrology 70(3-4) 303-335

crystal growth
Ontario, structural geology 89(1-2) 25-45

crystalline limestone *see* marbles

crystalline rocks
Denmark, tectonophysics 64(1-4) 419-430
Estonia, geochemistry 79(3-4) 209-226
Latvia, geochemistry 79(3-4) 209-226
Sri Lanka, geochemistry 66(1-4) 183-198

crystallization remanent magnetization *see* chemical remanent magnetization

Cs *see* cesium

cube spar *see* anhydrite

Cuddapah Basin
petrology 84(3-4) 181-196
Proterozoic 79(3-4) 363-369
stratigraphy 92(1) 21-35

Cuddapah System 92(1) 21-35

Cumberland Batholith
plate tectonics 63(3-4) 325-347
structural geology 93(1) 27-49

cyanides
Colorado, metal ores 61(3-4) 231-240

cyanobacteria
Australia, Cambrian 100(1-3) 235-280
Brazil, stratigraphy 80(1-2) 125-152
China
paleobotany 65(1-4) 95-114
sedimentary petrology 56(3-4) 275-290
Gabon, paleobotany 81(3-4) 197-221
India
paleobotany 57(1-2) 165-168; 74(1-2) 91-117
problematic fossils 72(3-4) 171-184
Proterozoic 56(3-4) 291-318
stratigraphy 92(1) 21-35; 97(1-2) 99-113
Protista 85(3-4) 201-239
Russian Federation, paleobotany 65(1-4) 231-254
South Africa, paleobotany 75(1-2) 65-90
Western Australia, Invertebrata 96(1-2) 25-39

Cyclomedusa
stratigraphy 67(1-2) 1-10

cyclothems
Western Australia, Archean 79(1-2) 3-24

Czech Republic *see* Bohemian Massif

D/H
Saskatchewan, magmas 70(1-2) 145-164

dacites
Ethiopia 80(3-4) 261-279
India, geochemistry 76(1-2) 77-91
Ivory Coast, tectonophysics 65(1-4) 207-229
Mali, geochemistry 65(1-4) 55-69
New Jersey 51(1-4) 115-125
Sweden, geochemistry 64(1-4) 239-252
Western Australia, structural geology 83(1-3) 83-107

Dahand Pluton
plate tectonics 53(1-2) 99-118

Dahomey *see* Benin

Dahomeyide Belt
petrology 82(3-4) 191-209

Dahomeyide Orogeny
foliation 82(1-2) 153-171

Dala Granitoids
petrology 95(1-2) 147-166

Dales Gorge Member
sedimentation 60(1-4) 243-286

Dalma Volcanics
metal ores 58(1-4) 71-83

Dalradian
Scotland 85(1-2) 81-96

Dalslandian Orogeny *see* Sveconorwegian Orogeny

Damara Orogeny
Namibia
magmas 92(4) 341-363
metamorphic rocks 55(1-4) 243-257
Proterozoic 63(3-4) 247-272

Damara System
63(3-4) 189-209; 73(1-4) 137-151
structural geology 57(3-4) 169-194

Danubian nappe system
orogeny 80(3-4) 281-301

Darling Fault
petrology 96(1-2) 125-139
structural geology 78(1-3) 179-196

Darling mobile belt
structural geology 75(1-2) 47-63

Darling Range Batholith
petrology 96(1-2) 125-139

Daro Tekli Belt
geochemistry 96(1-2) 101-124

Daspoort Formation
stratigraphy 54(2-4) 257-269

dating, fission-track *see* fission-track dating

Davy Group
structural geology 68(3-4) 291-306

De Grey Group
structural geology 94(1-2) 11-28
tectonics 88(1-4) 207-231

Death Valley
algae 61(3-4) 241-278

debris flows
South Africa, Archean 97(3-4) 191-214

decollement
Africa, tectonophysics 69(1-4) 199-227
India, structural geology 91(1-2) 15-39
Northern Territory Australia, volcanism 94(3-4) 225-250
Queensland Australia, volcanism 94(3-4) 225-250
South Africa, structural geology 52(1-2) 133-166
South America, tectonophysics 69(1-4) 199-227
Sweden, structural geology 72(3-4) 199-225
Western Australia
folds 83(1-3) 43-56
structural geology 78(1-3) 179-196; 91(1-2) 15-39

decompression
Antarctica
foliation 65(1-4) 277-295
orogeny 75(3-4) 231-250
Australia, fluid inclusions 66(1-4) 309-323
China, structural geology 67(1-2) 37-57
Europe, petrology 95(1-2) 129-146
Malawi, petrology 85(1-2) 27-51
South Africa
magmas 82(1-2) 113-132
petrology 55(1-4) 279-296
phase equilibria 55(1-4) 201-207
structural geology 55(1-4) 539-552
Sri Lanka, petrology 66(1-4) 245-263
Zimbabwe

phase equilibria 55(1-4) 201-207
structural geology 55(1-4) 539-552
deformation *see also* cleavage; compression tectonics; decollement; extension tectonics; flexure; folds; foliation; fractures; hysteresis; isoclinal folds; lineation
Africa, petrology 78(1-3) 105-124; 93(4) 299-337
Brazil 86(3-4) 155-176
Proterozoic 72(3-4) 235-245
stratigraphy 99(3-4) 179-196
brittle deformation
Canadian Shield 84(1-2) 83-103
Gabon 77(3-4) 143-159
Greenland 62(1-2) 61-82
Labrador 75(1-2) 91-118
Newfoundland 75(1-2) 91-118
South Africa 96(3-4) 263-288
Western Australia 75(1-2) 47-63; 88(1-4) 207-231
Burundi, petrology 68(3-4) 323-356
Cameroon, Archean 67(3-4) 321-347
Canada 91(1-2) 91-107
Canadian Shield, Archean 97(1-2) 77-97
China, phase equilibria 93(2-3) 181-199
ductile deformation
Antarctica 65(1-4) 277-295
Bolivia 94(1-2) 73-99
Brazil 68(1-2) 139-167; 77(1-2) 1-15
Canadian Shield 84(1-2) 83-103
Chile 94(1-2) 73-99
Ethiopia 62(3) 307-322
Finland 59(3-4) 171-205
Greenland 62(1-2) 61-82
India 72(3-4) 283-299
Ivory Coast 65(1-4) 207-229
Labrador 75(1-2) 91-118
Mexico 94(1-2) 73-99
Mozambique 62(3) 307-322
New South Wales Australia 71(1-4) 251-263
Newfoundland 75(1-2) 91-118
Northern Territory Australia 71(1-4) 229-250
Ontario 85(3-4) 117-146; 89(1-2) 25-45
Rocky Mountains 78(1-3) 41-52
South Africa 75(1-2) 1-15
Sri Lanka 66(1-4) 21-37
Sweden 70(1-2) 67-91; 79(3-4) 261-279
Tanzania 93(1) 119-137
Texas 94(1-2) 73-99
Western Australia 68(1-2) 43-64; 75(1-2) 47-63; 88(1-4) 207-231
Zimbabwe 77(3-4) 161-178
Ethiopia, metamorphic rocks 80(3-4) 261-279
Finland 64(1-4) 295-309
Greenland
geochemistry 94(1-2) 101-120
petrology 78(1-3) 1-39
India 65(1-4) 319-339
geochronology 94(3-4) 251-271
petrology 91(1-2) 41-63
Kenya, stratigraphy 69(1-4) 113-131
Labrador 70(3-4) 169-190
Namibia, metamorphic rocks 55(1-4) 243-257
New Mexico 84(1-2) 1-15
New South Wales Australia, metal ores 90(3-4) 203-238
Newfoundland 70(3-4) 169-190
Northern Territory Australia, Proterozoic 71(1-4) 315-346
Norway, Proterozoic 64(1-4) 389-402
Ontario 93(1) 51-70
Archean 76(3-4) 191-211
petrology 92(2) 117-128
sedimentary petrology 68(1-2) 23-42
plastic deformation
Brazil 77(1-2) 1-15
Niger 70(3-4) 281-301
Ontario 77(1-2) 41-57
plate tectonics 82(1-2) 101-112
Quebec 92(2) 145-164
Saskatchewan, tectonophysics 69(1-4) 11-24
South Africa
geochronology 95(3-4) 225-243
gold ores 79(1-2) 125-140
metal ores 79(1-2) 141-169
petrology 70(3-4) 303-335; 78(1-3) 139-150
sedimentary petrology 68(3-4) 257-290
South Australia, Cambrian 100(1-3) 21-63
Swaziland, petrology 67(1-2) 109-139
Sweden 70(3-4) 235-251; 78(4) 289-291; 78(4) 293-295; 94(1-2) 29-48; 98(1-2) 151-171; 98(3-4) 173-195
metamorphism 76(1-2) 15-30
plate tectonics 67(1-2) 141-158; 92(1) 1-20
Proterozoic 79(3-4) 227-237
tectonophysics 84(1-2) 113-115; 91(1-2) 143-179
Texas, petrology 94(1-2) 49-72
Western Australia 59(1-2) 95-123; 94(1-2) 11-28
geochronology 95(3-4) 225-243
metal ores 88(1-4) 1-265; 90(3-4) 119-140; 96(3-4) 143-181
metamorphism 83(4) 243-265
petrology 78(1-3) 165-178
stratigraphy 67(1-2) 1-10
Zimbabwe 70(3-4) 191-213
metamorphism 55(1-4) 407-427
degassing
India, petrology 66(1-4) 379-392
Missouri, metasomatism 51(1-4) 245-263
Sri Lanka, petrology 66(1-4) 379-392
Delamerian Orogeny
Australia, plate tectonics 69(1-4) 293-306
delamination
Canadian Shield, geochemistry 96(1-2) 83-99
orogeny 55(1-4) 507-524
tectonophysics 91(1-2) 143-179
Delhi Supergroup
deformation 65(1-4) 319-339
geochemistry 87(1-2) 75-85
Dengying Formation
geochemistry 97(1-2) 59-75
natural gas 54(1) 45-63
Denmark *see* Baltic Shield; Fennoscandia
denudation
Brazil, petrology 80(3-4) 217-238
Denmark, geomorphology 64(1-4) 337-345
isostasy 92(4) 387-412
Saskatchewan, geochronology 95(3-4) 187-223
South Africa, phase equilibria 55(1-4) 201-207
Sweden, geomorphology 64(1-4) 337-345
Zimbabwe, phase equilibria 55(1-4) 201-207
Deoban Limestone
Proterozoic 56(3-4) 291-318
Deogiri Block
geochemistry 84(3-4) 117-138
Deogiri Formation
geochemistry 72(1-2) 69-95
depositional fault *see* growth faults
detachment *see* decollement
detachment faults
Northern Territory Australia, volcanism 94(3-4) 225-250
Queensland Australia, volcanism 94(3-4) 225-250
detrital fan *see* alluvial fans
devolatilization (degassing) *see* degassing
Devonian
Bolivia 61(3-4) 181-190
Denmark 64(1-4) 419-430
Michigan 61(3-4) 181-190
Northern Territory Australia 71(1-4) 17-43
Old Red Sandstone, petrology 70(3-4) 215-234
Russian Federation 61(3-4) 181-190
United Arab Emirates 61(3-4) 181-190
Wyoming 61(3-4) 181-190
dextral faults *see* right-lateral faults
Dhanjori Formation
Proterozoic 84(1-2) 63-81

Dhanjori Volcanics
metal ores 58(1-4) 71-83
Dharwar Craton
Archean 97(3-4) 269-302
geochronology 59(1-2) 145-170; 68(1-2) 169-173; 68(1-2) 175-178; 80(3-4) 205-216
magmas 99(3-4) 225-254
paleomagnetism 69(1-4) 259-267
Proterozoic 79(3-4) 363-369
sedimentary petrology 70(1-2) 93-112
structural geology 91(1-2) 15-39; 99(1-2) 91-111
tectonophysics 80(1-2) 77-87
Dharwar Supergroup
paleobotany 57(1-2) 165-168
Dharwar tectonic province
structural geology 72(3-4) 283-299
Dharwars
78(4) 261-272; 80(3-4) 205-216
geochemistry 61(1-2) 137-164
paleobotany 57(1-2) 165-168
structural geology 63(1-2) 43-58; 72(3-4) 283-299; 91(1-2) 15-39; 99(1-2) 91-111
diabase *see also* metadiabase
Antarctica, structural geology 63(3-4) 273-291
Finland, Proterozoic 51(1-4) 227-243
India 84(3-4) 181-196
stratigraphy 69(1-4) 157-167
Ivory Coast, tectonophysics 65(1-4) 207-229
Ontario, geochemistry 52(3-4) 347-380
Queensland Australia, stratigraphy 69(1-4) 241-258
South Africa, geochemistry 79(1-2) 171-194
Sweden, Proterozoic 79(3-4) 227-237
diachronism
Algeria, tectonophysics 69(1-4) 307-326
diagenesis *see also* dolomitization; sedimentary structures; silicification; weathering
Brazil, geochemistry 89(1-2) 87-100
China, Proterozoic 84(3-4) 197-220
geochemistry 61(3-4) 191-207
Minnesota, geochemistry 54(2-4) 131-151
Montana 63(1-2) 83-96
Norway, stratigraphy 69(1-4) 81-93
Ontario
geochemistry 52(3-4) 347-380; 54(2-4) 131-151; 59(3-4) 283-313
stratigraphy 86(3-4) 201-223
Russian Federation, stratigraphy 69(1-4) 81-93
South Africa
Archean 72(3-4) 247-261
geochemistry 79(1-2) 37-55
paleobotany 75(1-2) 65-90
South Australia, Proterozoic 74(3) 119-175
syngenesis
Arabian Peninsula 58(1-4) 169-194
South Dakota 58(1-4) 85-97
Sweden 81(1-2) 83-99; 82(1-2) 1-12
Wyoming 58(1-4) 85-97
Western Australia, Archean 72(3-4) 247-261
diagonal-slip faults *see* oblique-slip faults
diamictite
Brazil, geochemistry 89(1-2) 87-100
China, geochemistry 97(1-2) 59-75
Finland, stratigraphy 64(1-4) 253-271
India, stratigraphy 79(3-4) 307-325
Newfoundland, Cambrian 73(1-4) 123-136
Scotland, geochemistry 85(1-2) 81-96
South Australia, stratigraphy 100(1-3) 299-312
Tasmania Australia, stratigraphy 100(1-3) 299-312
Western Australia, structural geology 88(1-4) 25-52
diaphthoresis *see* retrograde metamorphism
diapiric fold *see* diapirs
diapirism
India, structural geology 63(1-2) 43-58
Ontario, magmas 51(1-4) 27-50
South Africa, petrology 75(1-2) 1-15
tectonophysics 91(1-2) 143-179
Western Australia, structural geology 85(3-4) 147-171
diapirs
Brazil, petrology 87(1-2) 19-32
Central African Republic, petrology 68(1-2) 97-113
Ivory Coast, tectonics 86(3-4) 177-199
South Australia, stratigraphy 100(1-3) 109-120
Sweden
petrology 51(1-4) 151-159
structural geology 72(3-4) 199-225
Western Australia, structural geology 88(1-4) 53-66
diffusion 55(1-4) 209-241; 66(1-4) 245-263; 74(4) 195-202; 91(3-4) 269-285; 92(4) 319-339
digital terrain models
Sweden, structural geology 72(3-4) 199-225
dike swarms
Antarctica
foliation 65(1-4) 277-295
tectonics 75(3-4) 121-139
Brazil
magmas 62(3) 323-342
petrology 51(1-4) 283-314; 93(2-3) 153-180; 99(3-4) 309-325
structural geology 86(3-4) 155-176
Canada
geochemistry 81(1-2) 3-14
orogeny 86(3-4) 117-154
Europe, petrology 95(1-2) 129-146
Finland
magmas 70(1-2) 45-65
tectonophysics 64(1-4) 273-288
Greenland
stratigraphy 54(2-4) 153-172
structural geology 93(1) 87-104
India
intrusions 82(3-4) 349-350
petrology 84(3-4) 181-196
stratigraphy 69(1-4) 157-167; 76(1-2) 31-46
structural geology 99(1-2) 91-111
Israel, magmas 92(2) 195-213
Labrador
magmas 82(1-2) 63-84
petrology 68(3-4) 357-374
Namibia, crust 63(1-2) 143-162
Newfoundland
magmas 82(1-2) 63-84
petrology 68(3-4) 357-374
Ontario, folds 85(3-4) 117-146
Russian Federation, tectonophysics 64(1-4) 273-288
South Africa
crust 63(1-2) 143-162
stratigraphy 69(1-4) 193-197
Sri Lanka, structural geology 66(1-4) 21-37
Sweden
plate tectonics 92(1) 1-20
structural geology 72(3-4) 199-225
Uruguay, petrology 74(3) 177-194; 93(2-3) 153-180
Western Australia, paleomagnetism 100(1-3) 335-357
dikes *see also* ring dikes
Antarctic Ocean 89(3-4) 175-205
Antarctica 63(1-2) 1-26
structural geology 63(3-4) 273-291
Arabian Peninsula 86(1-2) 45-58
Canadian Shield
geochemistry 65(1-4) 115-153; 92(2) 89-116
gold ores 84(1-2) 83-103
stratigraphy 69(1-4) 1-10
China, Proterozoic 62(1-2) 171-190
Europe 51(1-4) 127-149
Finland
paleomagnetism 74(4) 245-252
Proterozoic 51(1-4) 227-243
Gabon, gold ores 77(3-4) 143-159
Greenland, faults 68(1-2) 65-79
India 65(1-4) 167-181
tectonophysics 80(1-2) 77-87
Jordan, geochemistry 56(1-2) 51-72
Labrador 75(1-2) 91-118; 78(4) 303
orogeny 80(3-4) 239-260

structural geology 81(1-2) 101-128
tectonics 63(1-2) 123-142
Mali, geochemistry 65(1-4) 55-69
Missouri 95(1-2) 69-88
Newfoundland 75(1-2) 91-118; 78(4) 303
orogeny 80(3-4) 239-260
structural geology 81(1-2) 101-128
tectonics 63(1-2) 123-142
Northern Territory Australia, Proterozoic 71(1-4) 69-89
Norway, geochemistry 82(3-4) 287-309
Ontario 53(3-4) 199-231
structural geology 89(1-2) 25-45
orogeny 55(1-4) 507-524
Queensland Australia, stratigraphy 69(1-4) 241-258
Red Sea region 86(1-2) 45-58
Romania, orogeny 80(3-4) 281-301
Russian Federation
geochemistry 92(3) 223-250
paleomagnetism 74(4) 245-252
tectonophysics 98(3-4) 197-221
South Africa 55(1-4) 33-45
metal ores 77(3-4) 243-271
structural geology 52(1-2) 133-166
South Australia, stratigraphy 87(3-4) 135-159
Sri Lanka 66(1-4) 3-18
tectonophysics 80(1-2) 77-87
Sweden 52(3-4) 187-214; 95(1-2) 109-127
geochemistry 82(3-4) 287-309
iron ores 54(2-4) 109-130
Proterozoic 79(3-4) 227-237
structural geology 98(3-4) 173-195
United Kingdom, faults 68(1-2) 65-79
Western Australia 52(3-4) 245-273
geochemistry 83(1-3) 133-183
structural geology 68(1-2) 43-64
Zimbabwe 55(1-4) 33-45
paleomagnetism 69(1-4) 269-280
dilatational wave *see* P-waves
Dingo Fault
geochronology 71(1-4) 251-263
Dinoflagellata
China, Proterozoic 84(3-4) 197-220
diopside
Ontario, plate tectonics 91(3-4) 433-444
diorites *see also* ferrodiorite; mangerite; monzodiorite; quartz diorites; syenodiorite; tonalite; trondhjemite
Brazil 80(3-4) 217-238
Canadian Shield, plate tectonics 63(3-4) 211-223
Europe, paleomagnetism 69(1-4) 25-50
Labrador
Proterozoic 99(1-2) 65-90
structural geology 70(3-4) 169-190
Newfoundland
Proterozoic 99(1-2) 65-90
structural geology 70(3-4) 169-190
dip-slip faults
Sweden 70(1-2) 67-91; 79(3-4) 261-279
disconformities *see* erosional unconformities
Disko Terrane
plate tectonics 63(3-4) 325-347
displacement theory *see* continental drift
distribution coefficients *see* partition coefficients
District of Keewatin *see* Keewatin District Northwest Territories
District of Thunder Bay *see* Thunder Bay District Ontario
divergence, plate *see* plate divergence
Dolbel Batholith
structural analysis 70(3-4) 281-301
dolerite *see* diabase
dolocrete
South Africa, stratigraphy 67(1-2) 159-180
dolomite
Brazil, diagenesis 70(3-4) 253-268
Minnesota, geochemistry 54(2-4) 131-151
Ontario, geochemistry 54(2-4) 131-151
Sri Lanka, geochemistry 66(1-4) 325-349
dolomitite *see* dolostone
Arctic region, stratigraphy 53(3-4) 165-197
Gabon, diagenesis 65(1-4) 341-356
sedimentary petrology 73(1-4) 283-289
Spitsbergen, stratigraphy 53(3-4) 165-197
dolostone
China, geochemistry 89(1-2) 77-86
Labrador, geochemistry 77(1-2) 131-141
Newfoundland, geochemistry 77(1-2) 131-141
Northwest Territories, Proterozoic 90(3-4) 187-202
Oman, energy sources 54(1) 1-14
Ontario, geochemistry 52(3-4) 347-380
Western Australia
Archean 79(1-2) 3-24
paleomagnetism 100(1-3) 359-370
Dom Bosco Syncline
deformation 65(1-4) 25-54
gold ores 68(1-2) 139-167
Dom Feliciano Belt
tectonophysics 97(3-4) 303-323
domes
Brazil 65(1-4) 25-54; 90(1-2) 29-58
India 72(3-4) 283-299
South Dakota, metal ores 58(1-4) 85-97
Wyoming, metal ores 58(1-4) 85-97
Dominion Group
Archean 53(3-4) 243-266
Dongargarh Supergroup
geochemistry 76(1-2) 77-91
Dongargarh Volcanics
geochemistry 84(1-2) 105-111
Dongjia Formation
Proterozoic 94(1-2) 121-137
Donimalai Formation
geochemistry 72(1-2) 69-95
paleobotany 57(1-2) 165-168
Doushantuo Formation
85(3-4) 173-199
geochemistry 97(1-2) 59-75
Draken Formation
carbonates 53(3-4) 281-299
stratigraphy 53(3-4) 165-197
Dronning Maud Land *see* Queen Maud Land
dropstone *see* argillite
dry delta *see* alluvial fans
Dubai
sedimentary petrology 61(3-4) 181-190
ductile deformation
Antarctica 65(1-4) 277-295
Bolivia, metamorphism 94(1-2) 73-99
Brazil 77(1-2) 1-15
gold ores 68(1-2) 139-167
Canadian Shield, gold ores 84(1-2) 83-103
Chile, metamorphism 94(1-2) 73-99
Ethiopia 62(3) 307-322
Finland, petrology 59(3-4) 171-205
Greenland, gold ores 62(1-2) 61-82
India 72(3-4) 283-299
Ivory Coast, tectonophysics 65(1-4) 207-229
Labrador, metamorphic rocks 75(1-2) 91-118
Mexico, metamorphism 94(1-2) 73-99
Mozambique 62(3) 307-322
New South Wales Australia, geochronology 71(1-4) 251-263
Newfoundland, metamorphic rocks 75(1-2) 91-118
Northern Territory Australia, geochronology 71(1-4) 229-250
Ontario 85(3-4) 117-146; 89(1-2) 25-45
Rocky Mountains, petrology 78(1-3) 41-52
South Africa, petrology 75(1-2) 1-15
Sri Lanka 66(1-4) 21-37
Sweden 70(1-2) 67-91; 79(3-4) 261-279
Tanzania 93(1) 119-137
Texas, metamorphism 94(1-2) 73-99
Western Australia 68(1-2) 43-64; 75(1-2) 47-63; 88(1-4) 207-231
Zimbabwe, stratigraphy 77(3-4) 161-178
Duffer Formation
magmas 60(1-4) 151-174
petrology 88(1-4) 3-23
Proterozoic 60(1-4) 69-98
structural geology 80(1-2) 89-105; 88(1-4) 53-66

Duluth Complex
metal ores 58(1-4) 355-386
Dundas Group
paleobotany 96(1-2) 1-23
Dwalile Supracrustal Suite
petrology 67(1-2) 109-139
dykes *see* dikes
earthquakes
North Sea, Mohorovicic discontinuity 64(1-4) 23-51
Scandinavia, Mohorovicic discontinuity 64(1-4) 23-51
East Africa *see* Eritrea; Ethiopia; Kenya; Malawi; Mozambique; Sudan; Tanzania; Zambia
East African Orogeny
paleomagnetism 74(4) 225-244
East African Rift
structural geology 98(1-2) 83-105
East Antarctic Craton
paleomagnetism 74(4) 225-244
East Antarctic Shield
Proterozoic 94(3-4) 205-224
East Bay Hills Block
geochemistry 56(1-2) 33-49
East European Platform *see* Russian Platform
East Puolanka Group
stratigraphy 97(3-4) 253-267
Eastern Canada *see* Baffin Island; Maritime Provinces; Newfoundland; Ontario; Quebec
Eastern Desert
geochemistry 80(1-2) 1-22
Proterozoic 59(1-2) 15-32
Eastern Finland Province *see also* Outokumpu Finland
stratigraphy 97(3-4) 253-267
Eastern Ghats
geochronology 94(3-4) 251-271
petrology 66(1-4) 393-409
tectonophysics 80(1-2) 77-87
Eastern Gneiss region
metamorphism 76(1-2) 15-30
Eastern Goldfields
folds 83(1-3) 43-56
geochemistry 83(1-3) 109-132; 83(1-3) 133-183
magmas 83(1-3) 203-219
petrology 83(1-3) 1-10; 83(1-3) 1-219
stratigraphy 97(3-4) 155-164
structural geology 62(3) 343-365; 68(1-2) 43-64; 83(1-3) 11-42; 83(1-3) 57-81; 83(1-3) 83-107; 83(1-3) 185-201
Eastport Basin
geochemistry 59(3-4) 243-262
Eburnean Orogeny *see* Pan-African Orogeny
eclogite
51(1-4) 1-25
Australia, tectonics 55(1-4) 491-506
Brazil
metal ores 58(1-4) 195-214
structural geology 97(1-2) 3-26
Russian Federation 62(4) 419-430
eclogite facies
Afghanistan, petrology 98(3-4) 223-241
Brazil, structural geology 97(1-2) 3-26
Malawi, petrology 85(1-2) 27-51
Russian Federation, petrology 62(4) 419-430
economic geology *see* base metals; bitumens; boron deposits; brines; chromite ores; cobalt ores; copper ores; fluorspar; hematite; iron ores; lead ores; lead-zinc deposits; lithium ores; manganese ores; metal ores; mineral resources; molybdenum ores; natural gas; nickel ores; pegmatite; petroleum; phosphate deposits; platinum ores; polymetallic ores; rare earth deposits; refractory materials; salt; shale; silver ores; tantalum ores; tin ores; titanium ores; tungsten ores; uranium ores; vanadium ores; zinc ores
ecoulement *see* gravity sliding
Ediacaran *see also* Wonoka Formation
100(1-3) 3-20
Australia 100(1-3) 235-280
Canada 73(1-4) 51-70; 73(1-4) 101-121
Namibia 73(1-4) 51-70
Newfoundland 73(1-4) 123-136
Northern Territory Australia 86(1-2) 93-113
South Australia 73(1-4) 51-70; 100(1-3) 65-95
Western Australia 67(1-2) 1-10
Egan Formation
Proterozoic 92(1) 65-87
eggstone *see* oolite
Egypt *see also* Nubian Shield
geochemistry, Eastern Desert 80(1-2) 1-22
Proterozoic, Eastern Desert 59(1-2) 15-32
Eire *see* Ireland
eklogite facies *see* eclogite facies
elastic waves *see* seismic waves
Elath Israel
metamorphism 98(1-2) 107-127
electrical methods
structural geology 55(1-4) 173-186
electrum
Ontario, petrology 81(3-4) 155-178
Ellington Gneiss
petrology 93(4) 299-337
Elliot Lake Group
metal ores 58(1-4) 99-119
Elliot Lake Ontario
metal ores 61(3-4) 279-293
petrology 84(1-2) 17-36; 91(3-4) 287-294
stratigraphy 86(3-4) 201-223
Elsonian
petrology 51(1-4) 193-225
Elzevir Terrane
metal ores 58(1-4) 401-426
Elzevirian Orogeny
geochronology 99(1-2) 113-146
Emu Fault
structural geology 83(1-3) 11-42; 83(1-3) 185-201
en echelon folds
Western Australia 88(1-4) 207-231
Enchanted Rock Batholith
magmas 85(1-2) 53-79
enderbite
Africa 93(4) 299-337
Antarctica, geochemistry 75(3-4) 157-174
Brazil, geochemistry 77(1-2) 23-40
India 83(4) 267-290
Russian Federation 62(4) 473-491
South Africa 55(1-4) 429-449
geochemistry 55(1-4) 451-467
Virginia, geochemistry 84(1-2) 37-62
Zimbabwe 55(1-4) 407-427; 55(1-4) 429-449
geochemistry 55(1-4) 451-467
Enderby Land
paleomagnetism 74(4) 225-244
engineering geology *see* earthquakes
Ennadai-Rankin greenstone belt
petrology 77(1-2) 59-89
Enthophysalis
Invertebrata 96(1-2) 25-39
Entia Dome
metamorphism 71(1-4) 183-205
environmental geology *see* pollution
Eoastrion
paleobotany 81(3-4) 197-221
Eocene
Green River Formation, sedimentary petrology 61(3-4) 181-190
Eoentophysalis belcherensis
paleobotany 96(3-4) 183-208
Eoentophysalis gilesis
Proterozoic 74(3) 119-175
Eoschizothrix composita
paleobotany 96(3-4) 183-208
epeirophoresis theory *see* continental drift
epidote group *see* allanite
epigene processes
Arabian Peninsula, metal ores 58(1-4) 169-194
Finland, metal ores 51(1-4) 265-281
Ghana, geochronology 67(1-2) 89-107
Greenland, gold ores 62(1-2) 61-82
metal ores 58(1-4) 387-400
Northern Territory Australia, metal ores 78(4) 211-235

Ontario, metal ores 58(1-4) 99-119
South Australia, metal ores 56(3-4) 211-226; 79(3-4) 281-305
South Dakota, metal ores 58(1-4) 85-97
Sweden, metal ores 51(1-4) 265-281
United States, metal ores 58(1-4) 99-119
Wyoming, metal ores 58(1-4) 85-97
Equatorial Guinea
structural geology 87(3-4) 161-216
Eriksfjord Formation
stratigraphy 54(2-4) 153-172
Eritrea
petrology 86(1-2) 45-58
Erkowit Pluton
plate tectonics 53(1-2) 99-118
erosion *see also* denudation
China, sedimentary structures 59(3-4) 315-323
South Africa
metal ores 59(1-2) 43-71
petrology 52(1-2) 115-132
Sweden, Proterozoic 64(1-4) 361-388
Western Australia
Archean 97(3-4) 165-189
Proterozoic 99(1-2) 33-64
erosion features *see* peneplains
erosion rates
China, geochemistry 89(1-2) 77-86
erosional unconformities
South Australia, Proterozoic 74(3) 119-175
eruptions
Western Australia
stratigraphy 97(3-4) 155-164
structural geology 83(1-3) 57-81
Zimbabwe, stratigraphy 97(3-4) 155-164
eruptive rocks *see* volcanic rocks
Estonia *see* Baltic Shield
Etbai *see* Red Sea Hills
Eteke mining district
gold ores 77(3-4) 143-159
Ethiopia *see also* East African Rift; Mozambique Belt; Nubian Shield
magmas 76(1-2) 3-14
metamorphic rocks 80(3-4) 261-279
structural geology 77(3-4) 179-210
Eu *see* europium
Eurasian Plate
Far East, structural geology 55(1-4) 571-587
Himalayas, structural geology 55(1-4) 571-587
Europe *see also* Baltic region; Belarus; Carpathians; Central Europe; Southern Europe; Western Europe
areal geology, Baltic Shield 62(4) 373-528
cobalt ores, Baltic Shield 91(3-4) 419-432
crust
Baltic Shield 64(1-4) 189-195; 64(1-4) 289-294
Kola Peninsula 64(1-4) 189-195
Tornquist-Teisseyre Zone 64(1-4) 311-317
deformation, Baltic Shield 78(4) 289-291; 78(4) 293-295
geochemistry
Baltic Shield 64(1-4) 239-252; 64(1-4) 319-335; 79(3-4) 209-226; 92(2) 89-116; 92(3) 223-250
Bohemian Massif 62(1-2) 103-125
Karelia 92(3) 223-250
Kola Russian Federation 92(3) 223-250
geomorphology, Baltic Shield 64(1-4) 337-345
isostasy, Fennoscandia 86(1-2) 21-44
magmas
Baltic Shield 70(1-2) 45-65; 95(1-2) 109-127
Karelia 70(1-2) 45-65
metal ores
Baltic Shield 51(1-4) 265-281; 58(1-4) 121-141; 58(1-4) 289-303
Kola Peninsula 58(1-4) 121-141; 58(1-4) 289-303
Pechenga 58(1-4) 289-303
metamorphism, Baltic Shield 76(1-2) 15-30
Mohorovicic discontinuity
Baltic Shield 64(1-4) 23-51
Fennoscandia 64(1-4) 23-51
Kola Peninsula 64(1-4) 23-51
orogeny
Baltic Shield 64(1-4) 225-238
Moesian Platform 80(3-4) 281-301
paleomagnetism
Baltic Shield 74(4) 245-252; 93(2-3) 201-213
Fennoscandia 69(1-4) 25-50
Karelia Russian Federation 74(4) 245-252; 93(2-3) 201-213
petrology
Baltic Shield 51(1-4) 127-149; 64(1-4) 197-205; 74(1-2) 57-72; 75(1-2) 31-46; 82(1-2) 85-99; 95(1-2) 129-146; 95(1-2) 147-166
Karelia Russian Federation 62(4) 375-397; 64(1-4) 197-205; 75(1-2) 31-46
Kola Peninsula 64(1-4) 197-205; 75(1-2) 31-46
plate tectonics
Baltic Shield 64(1-4) 3-21; 67(1-2) 141-158
Karelia Russian Federation 64(1-4) 3-21
Kola Peninsula 64(1-4) 3-21
Precambrian, Baltic Shield 64(1-4) 109-130
Proterozoic, Baltic Shield 79(3-4) 239-259; 82(3-4) 311-348; 87(3-4) 117-135
sea-floor spreading, Pechenga 92(3) 215-221
sedimentary petrology, Timan-Pechora region 61(3-4) 181-190
stratigraphy
Baltic Shield 64(1-4) 1-430; 64(1-4) 253-271; 73(1-4) 197-216; 97(3-4) 253-267
Fennoscandia 69(1-4) 81-93
Kola Peninsula 69(1-4) 81-93
structural geology
Baltic Shield 64(1-4) 131-152; 70(1-2) 67-91; 70(3-4) 235-251; 75(1-2) 17-29; 98(1-2) 151-171
Ossa-Morena Zone 56(1-2) 113-137
tectonophysics
Baltic Shield 64(1-4) 53-65; 64(1-4) 85-108; 64(1-4) 153-168; 64(1-4) 169-187; 64(1-4) 403-417; 64(1-4) 419-430; 68(3-4) 231-240; 69(1-4) 61-79; 72(1-2) 97-107; 82(1-2) 133-151; 92(3) 297-315; 98(3-4) 197-221
Karelia 64(1-4) 273-288
Karelia Russian Federation 64(1-4) 273-288; 72(1-2) 97-107; 98(3-4) 197-221
Kola Peninsula 72(1-2) 97-107; 82(1-2) 133-151
Kola Russian Federation 72(1-2) 97-107
Lake Ladoga 64(1-4) 85-108
Pechenga 82(1-2) 133-151
Tornquist-Teisseyre Zone 64(1-4) 419-430
Variscides 64(1-4) 419-430
European Geotraverse
tectonophysics 70(1-2) 165-166
European Plate *see* Eurasian Plate
europium
India, geochemistry 61(1-2) 137-164
petrology 51(1-4) 161-172
Scotland, geochemistry 85(1-2) 81-96
Sweden, geochemistry 64(1-4) 319-335
eustacy
Archean 97(3-4) 143-154
Australia, stratigraphy 85(3-4) 173-199
China, stratigraphy 85(3-4) 173-199
Far East, paleomagnetism 70(1-2) 113-143
Himalayas, paleomagnetism 70(1-2) 113-143
India, Archean 97(3-4) 269-302
South Africa
Archean 97(3-4) 191-214
stratigraphy 97(3-4) 215-251

South Australia, Archean 97(3-4) 269-302
Western Australia, Archean 97(3-4) 269-302
Eutheria *see* Rodentia
Evander Deposit
gold ores 95(3-4) 167-185
evaporites *see also* salt
Africa 67(3-4) 243-276
China, non-metal deposits 72(3-4) 185-197
Europe, Proterozoic 82(3-4) 311-348
Western Australia, stratigraphy 60(1-4) 47-67
exhalative processes
Greenland, gold ores 62(1-2) 61-82
India, metal ores 77(1-2) 117-130
Morocco, volcanism 70(1-2) 25-44
Northern Territory Australia, metal ores 78(4) 211-235
Sweden, iron ores 54(2-4) 109-130
exhumation
Antarctic Ocean, structural geology 75(3-4) 189-207
China, phase equilibria 93(2-3) 181-199
Ghana, foliation 82(1-2) 153-171
Labrador
petrology 93(4) 281-297
Proterozoic 99(1-2) 65-90
New South Wales Australia, geochronology 71(1-4) 251-263
Newfoundland
petrology 93(4) 281-297
Proterozoic 99(1-2) 65-90
Northwest Territories, structural geology 93(1) 27-49
Ontario
structural geology 77(1-2) 41-57
tectonophysics 91(3-4) 445-454
Quebec
deformation 92(2) 145-164
metamorphic rocks 90(1-2) 59-83
structural geology 93(1) 27-49
South Africa
magmas 82(1-2) 113-132
petrology 87(1-2) 87-115
structural geology 96(3-4) 263-288
Sweden, deformation 78(4) 289-291
Tanzania, structural geology 93(1) 119-137
Togo, foliation 82(1-2) 153-171
Virginia, geochemistry 84(1-2) 37-62
Zimbabwe, petrology 87(1-2) 87-115
exogenous inclusions *see* xenoliths
extension faults
Quebec 68(3-4) 183-200
South Australia, Proterozoic 74(3) 119-175
Western Australia 80(1-2) 89-105
metal ores 88(1-4) 67-82
extension fractures
Northern Territory Australia 72(1-2) 43-67
Western Australia 75(1-2) 47-63
extension tectonics *see also* pull-apart basins
55(1-4) 507-524
Africa, tectonophysics 69(1-4) 199-227
Antarctica 65(1-4) 277-295
Australia, plate tectonics 69(1-4) 293-306
Benin, petrology 82(3-4) 191-209
Brazil 65(1-4) 25-54; 77(1-2) 1-15; 79(3-4) 347-361; 90(1-2) 29-58
petrology 51(1-4) 351-374; 80(3-4) 217-238; 87(1-2) 19-32
plate tectonics 76(3-4) 213-227
Proterozoic 52(3-4) 321-335
Canada 86(3-4) 117-154
Canadian Shield
geochemistry 67(3-4) 207-241
plate tectonics 63(3-4) 325-347
China 67(1-2) 37-57
Colorado, magmas 85(1-2) 53-79
Finland 86(1-2) 21-44
magmas 70(1-2) 45-65
stratigraphy 64(1-4) 253-271
India
metal ores 58(1-4) 71-83
petrology 66(1-4) 379-392
Labrador, petrology 68(3-4) 357-374
Manitoba 72(1-2) 147-167
Namibia 90(1-2) 1-28
Newfoundland, petrology 68(3-4) 357-374
Northern Territory Australia, Proterozoic 71(1-4) 91-105
Norway, petrology 64(1-4) 347-360
Ontario 77(1-2) 41-57; 85(3-4) 117-146; 89(1-2) 25-45
petrology 82(3-4) 237-263
Quebec 68(3-4) 183-200
Queensland Australia, geochronology 71(1-4) 131-153
Russian Federation, tectonophysics 82(1-2) 133-151
Saskatchewan 72(1-2) 147-167
South Africa 90(1-2) 1-28
South America, tectonophysics 69(1-4) 199-227
Sri Lanka, petrology 66(1-4) 379-392
Sweden 86(1-2) 21-44
geochemistry 64(1-4) 239-252
petrology 64(1-4) 347-360; 95(1-2) 147-166
Proterozoic 79(3-4) 239-259
Tanzania 93(1) 119-137
Texas, magmas 85(1-2) 53-79
Western Australia 60(1-4) 185-241; 62(3) 343-365; 68(1-2) 43-64; 75(1-2) 47-63; 78(1-3) 179-196; 80(1-2) 89-105; 83(1-3) 11-42; 83(1-3) 57-81; 83(1-3) 83-107; 88(1-4) 53-66
magmas 83(1-3) 203-219
metal ores 98(3-4) 243-270
petrology 88(1-4) 3-23
F *see* fluorine
facies *see* amphibolite facies; eclogite facies; granulite facies; greenschist facies; prehnite-pumpellyite facies
faecal pellets *see* fecal pellets
Falcon Island Pluton
petrology 81(3-4) 155-178
Far East *see* China; Korea; Mongolia
fault blocks *see* block structures
faults *see also* decollement; deformation; earthquakes; folds; foliation; fractures; grabens; half grabens; lineaments; nappes; shear zones; slickensides; thrust sheets
boundary faults
Ontario 72(3-4) 263-281
Quebec 72(3-4) 263-281
Western Australia 88(1-4) 173-205
Canadian Shield, metal ores 58(1-4) 25-54
conjugate faults
Brazil 99(1-2) 1-32
Western Australia 88(1-4) 53-66
Denmark, geomorphology 64(1-4) 337-345
detachment faults
Northern Territory Australia 94(3-4) 225-250
Queensland Australia 94(3-4) 225-250
dip-slip faults, Sweden 70(1-2) 67-91; 79(3-4) 261-279
extension faults
Quebec 68(3-4) 183-200
South Australia 74(3) 119-175
Western Australia 80(1-2) 89-105; 88(1-4) 67-82
growth faults, Western Australia 88(1-4) 25-52; 98(3-4) 243-270
high-angle faults
Ethiopia 62(3) 307-322
Mozambique 62(3) 307-322
New South Wales Australia 71(1-4) 251-263
Western Australia 98(3-4) 243-270
India 99(1-2) 91-111
left-lateral faults
Africa 58(1-4) 305-344
Arabian Peninsula 53(1-2) 119-147
Brazil 84(3-4) 139-162; 86(3-4) 155-176
Ethiopia 62(3) 271-283
Mozambique 62(3) 271-283
Niger 70(3-4) 281-301
Sri Lanka 75(3-4) 263-277
Sweden 79(3-4) 261-279
Western Australia 88(1-4) 207-231
listric faults, Western Australia 88(1-4) 25-52

low-angle faults
Arabian Peninsula 53(1-2) 119-147
Ethiopia 62(3) 307-322
Mozambique 62(3) 307-322
Northern Territory Australia 71(1-4) 207-227
normal faults
Antarctica 75(3-4) 121-139
Benin 82(3-4) 191-209
Brazil 65(1-4) 25-54
South Africa 68(3-4) 257-290
Venezuela 85(1-2) 1-25
Western Australia 75(1-2) 47-63; 83(1-3) 43-56; 83(1-3) 203-219; 88(1-4) 25-52
Nova Scotia, geochemistry 56(1-2) 33-49
oblique-slip faults, Brazil 92(3) 251-275
overthrust faults
Atlantic region 69(1-4) 169-191
Brazil 77(1-2) 1-15; 86(3-4) 155-176
Denmark 64(1-4) 419-430
Ontario 85(3-4) 117-146
South Africa 55(1-4) 69-80
Sweden 64(1-4) 67-84
Zimbabwe 55(1-4) 69-80
reverse faults
Brazil 86(3-4) 155-176
Ethiopia 77(3-4) 179-210
New South Wales Australia 71(1-4) 251-263
Northern Territory Australia 71(1-4) 207-227; 94(3-4) 225-250
Queensland Australia 94(3-4) 225-250
South Australia 74(3) 119-175
Sweden 70(1-2) 67-91
Western Australia 75(1-2) 47-63
right-lateral faults
Brazil 65(1-4) 25-54; 92(3) 251-275
Ethiopia 62(3) 271-283
Mozambique 62(3) 271-283
Namibia 57(3-4) 169-194
Niger 67(1-2) 59-88
Sweden 70(1-2) 67-91
Zimbabwe 70(3-4) 191-213
Russian Federation, plate tectonics 64(1-4) 3-21
Saskatchewan, geochronology 95(3-4) 187-223
strike-slip faults
Africa 58(1-4) 305-344; 78(1-3) 105-124
Antarctica 75(3-4) 209-229
Brazil 84(3-4) 139-162; 86(3-4) 155-176
Canada 91(1-2) 91-107
Ethiopia 62(3) 271-283; 62(3) 307-322; 77(3-4) 179-210; 96(1-2) 101-124
Finland 64(1-4) 295-309
French Guiana 92(2) 165-194
India 91(1-2) 15-39
Malawi 62(3) 207-226
Morocco 54(2-4) 295-319
Mozambique 62(3) 271-283; 62(3) 307-322
South Africa 55(1-4) 81-92; 97(3-4) 303-323
Sweden 79(3-4) 261-279
Tanzania 62(3) 207-226
Western Australia 60(1-4) 185-241; 80(1-2) 89-105; 88(1-4) 53-66; 88(1-4) 143-171; 88(1-4) 207-231; 88(1-4) 233-247; 88(1-4) 249-265; 91(1-2) 15-39
Zimbabwe 70(3-4) 191-213
Sweden, geomorphology 64(1-4) 337-345
thrust faults
Africa 67(3-4) 243-276; 69(1-4) 199-227; 69(1-4) 327-344; 78(1-3) 105-124
Antarctica 75(3-4) 209-229; 75(3-4) 231-250
Arctic Ocean 64(1-4) 131-152
Bolivia 94(1-2) 73-99
Brazil 79(3-4) 347-361; 90(1-2) 29-58
Chile 94(1-2) 73-99
Ethiopia 52(1-2) 179-186; 62(3) 307-322
Labrador 99(1-2) 65-90
Manitoba 80(1-2) 107-124
Mexico 94(1-2) 73-99
Morocco 54(2-4) 295-319; 70(1-2) 25-44
Mozambique 62(1-2) 1-59; 62(3) 307-322
Newfoundland 99(1-2) 65-90
Northern Territory Australia 71(1-4) 3-15; 71(1-4) 229-250; 71(1-4) 315-346
Quebec 92(2) 145-164
Romania 80(3-4) 281-301
Russian Federation 54(2-4) 195-210
South Africa 55(1-4) 81-92; 55(1-4) 93-110; 78(1-3) 125-138; 79(1-2) 125-140
South America 69(1-4) 199-227; 69(1-4) 327-344
Sri Lanka 66(1-4) 39-57
Sweden 76(1-2) 15-30
Texas 94(1-2) 73-99
Western Australia 71(1-4) 3-15; 88(1-4) 207-231; 96(3-4) 143-181
Zambia 58(1-4) 215-240
Zimbabwe 70(3-4) 191-213
transcurrent faults
Arabian Peninsula 53(1-2) 119-147
Brazil 65(1-4) 25-54; 99(1-2) 1-32
Ivory Coast 65(1-4) 207-229
Niger 70(3-4) 281-301
Quebec 52(1-2) 37-51
South Africa 87(1-2) 87-115; 96(3-4) 263-288
Sri Lanka 75(3-4) 263-277
Western Australia 75(1-2) 47-63; 83(1-3) 11-42
Zimbabwe 87(1-2) 87-115
transfer faults, Quebec 68(3-4) 183-200
transform faults, Oman 54(1) 15-36
wrench faults
Brazil 86(3-4) 155-176
Quebec 92(2) 145-164
Western Australia 88(1-4) 207-231
Fauquier County Virginia
geochronology 99(1-2) 113-146
Favourable Lake Belt
Archean 92(3) 277-295
Fe *see* iron
features, volcanic *see* volcanic features
fecal pellets
geochemistry 61(3-4) 191-207
Fecho do Funil Formation
Proterozoic 72(3-4) 235-245
Fedorov Complex
inclusions 62(4) 507-525
Fedorovy-Pansky Massif
petrology 64(1-4) 197-205
feldspar group *see also* alkali feldspar; plagioclase
Brazil, structural geology 97(1-2) 3-26
Greenland, petrology 78(1-3) 1-39
Sri Lanka, petrology 66(1-4) 351-377
Wyoming, petrology 89(3-4) 145-173
felsic composition
Africa, petrology 67(3-4) 277-320; 78(1-3) 105-124
Brazil, petrology 93(2-3) 153-180; 95(1-2) 9-39
Canadian Shield
Archean 97(1-2) 77-97
geochemistry 76(3-4) 155-190
structural geology 68(3-4) 291-306
Colorado, magmas 98(3-4) 271-305
Estonia, geochemistry 79(3-4) 209-226
Greenland, petrology 81(1-2) 67-82
India
geochemistry 76(1-2) 77-91
sedimentary petrology 70(1-2) 93-112
Korea, volcanism 89(1-2) 47-57
Labrador, petrology 81(1-2) 67-82
Latvia, geochemistry 79(3-4) 209-226
Mali, geochemistry 65(1-4) 55-69
Missouri, petrology 95(1-2) 69-88
Newfoundland, petrology 81(1-2) 67-82
Nova Scotia, geochemistry 56(1-2) 33-49
Ontario
Archean 76(3-4) 191-211
geochemistry 76(3-4) 119-153; 93(4) 257-279
tectonophysics 65(1-4) 183-205
Papua New Guinea, tectonophysics 65(1-4) 183-205
Queensland Australia, geochronology 71(1-4) 131-153

South Australia, magmas 79(3-4) 371-394
Uruguay, petrology 93(2-3) 153-180
Virginia, geochemistry 84(1-2) 37-62
Western Australia
Archean 56(3-4) 169-189
geochemistry 60(1-4) 99-116
metal ores 88(1-4) 67-82
structural geology 68(1-2) 43-64; 83(1-3) 83-107
Fennoscandia
isostasy 86(1-2) 21-44
Mohorovicic discontinuity 64(1-4) 23-51
paleomagnetism 69(1-4) 25-50
stratigraphy 69(1-4) 81-93
Fennoscandian Shield *see* Baltic Shield
fermentation
Colorado, metal ores 61(3-4) 231-240
ferroan dolomite *see* ankerite
ferrodiorite
Finland 95(1-2) 89-107
Fig Tree Series
geochemistry 63(3-4) 225-246; 79(3-4) 195-207
lava 78(1-3) 125-138
metal ores 96(3-4) 209-224
metasomatism 92(2) 129-144
petrology 78(1-3) 105-124
Finland *see also* Baltic Shield; Fennoscandia; Svecofennian Orogeny
petrology 51(1-4) 193-225; 59(3-4) 171-205; 95(1-2) 89-107
Proterozoic 51(1-4) 227-243
stratigraphy, Eastern Finland Province 97(3-4) 253-267
structural geology 64(1-4) 295-309
tectonophysics 64(1-4) 273-288; 82(1-2) 13-34
Oulu Finland 64(1-4) 85-108
Outokumpu Finland 64(1-4) 85-108
Finnmark Norway *see* Varanger Peninsula
fission-track dating
Antarctica, Mesozoic 75(3-4) 251-262
***Flathead* County Montana**
algae 61(3-4) 241-278
flexure
Archean 97(3-4) 143-154
Namibia, Proterozoic 63(3-4) 247-272
Northern Territory Australia, volcanism 94(3-4) 225-250
Ontario, structural geology 77(1-2) 41-57
Queensland Australia, volcanism 94(3-4) 225-250
Sri Lanka, structural geology 66(1-4) 39-57
flexure faults *see* growth faults
Flin Flon Belt
structural geology 72(1-2) 147-167; 80(1-2) 107-124
tectonics 90(1-2) 85-101
Flinders Range
Cambrian 73(1-4) 51-70
stratigraphy 73(1-4) 3-26; 100(1-3) 109-120
flood basalts
Appalachians, Proterozoic 97(1-2) 115-134
Australia, Proterozoic 100(1-3) 213-234
India 87(3-4) 217-231
Pakistan 87(3-4) 217-231
Russian Federation 75(1-2) 31-46
Western Australia, Archean 97(3-4) 165-189
flood tuff *see* ignimbrite
fluid inclusions *see* carbon dioxide; geologic barometry; geologic thermometry; paleosalinity
fluids, ore-forming *see* ore-forming fluids
fluorine
Sweden, petrology 82(1-2) 85-99
fluorspar
Russian Federation 58(1-4) 121-141
fluvial sedimentation
Appalachians, Proterozoic 97(1-2) 115-134
flysch
Namibia, Proterozoic 63(3-4) 247-272
fold and thrust belts
Australia, plate tectonics 69(1-4) 293-306
Brazil, deformation 65(1-4) 25-54
China, tectonics 78(1-3) 95-103
Ethiopia, structural geology 77(3-4) 179-210
South Africa, sedimentary petrology 68(3-4) 257-290
Sri Lanka, structural geology 75(3-4) 263-277
Sweden, structural geology 72(3-4) 199-225
Western Australia
Proterozoic 99(1-2) 33-64
structural geology 88(1-4) 173-205
fold belts
Brazil, structural geology 98(1-2) 31-51
folds *see also* basins; cleavage; decollement; diapirs; domes; foliation; nappes
Africa 87(3-4) 161-216
anticlines
Morocco 54(2-4) 295-319
South Africa 97(3-4) 303-323
antiform folds
India 72(3-4) 283-299
metal ores 58(1-4) 387-400
Quebec 68(3-4) 183-200
South Africa 79(1-2) 141-169
Western Australia 83(1-3) 57-81
Arctic Ocean 64(1-4) 131-152
Arctic region, petrology 70(3-4) 215-234
Burkina Faso, sedimentary petrology 80(3-4) 153-172
concentric folds, Missouri 51(1-4) 245-263
Denmark, tectonophysics 64(1-4) 419-430
en echelon folds, Western Australia 88(1-4) 207-231
Ethiopia 77(3-4) 179-210
Europe, plate tectonics 64(1-4) 207-223
Far East 55(1-4) 571-587
Germany 73(1-4) 235-250
Greenland 72(3-4) 301-315; 93(1) 71-85
Himalayas 55(1-4) 571-587
India, metal ores 77(1-2) 117-130
isoclinal folds
Antarctica 63(1-2) 1-26; 63(3-4) 273-291
Brazil 59(1-2) 125-143; 77(1-2) 1-15
Ethiopia 52(1-2) 179-186; 62(3) 271-283
India 72(3-4) 283-299
Labrador 99(1-2) 65-90
Mozambique 62(3) 271-283
Newfoundland 99(1-2) 65-90
Russian Federation 62(4) 419-430
South Africa 78(1-3) 125-138
Sri Lanka 66(1-4) 21-37
Western Australia 68(1-2) 43-64; 88(1-4) 249-265
Malawi 62(3) 207-226
Manitoba 72(1-2) 147-167; 80(1-2) 107-124
monoclines
Northern Territory Australia 94(3-4) 225-250
Queensland Australia 94(3-4) 225-250
Morocco, volcanism 70(1-2) 25-44
Niger 67(1-2) 59-88
Northern Territory Australia, Proterozoic 71(1-4) 3-15; 71(1-4) 91-105
Northwest Territories 93(1) 27-49
Ontario 85(3-4) 117-146
overturned folds
India 72(3-4) 283-299
Western Australia 88(1-4) 83-108
plunging folds
Ethiopia 52(1-2) 179-186; 62(3) 271-283
Finland 64(1-4) 295-309
India 66(1-4) 393-409; 72(3-4) 283-299
Mozambique 62(3) 271-283
Western Australia 88(1-4) 233-247
Quebec 93(1) 27-49
recumbent folds
Namibia 57(3-4) 169-194
South Africa 52(1-2) 133-166; 86(1-2) 71-92
Western Australia 68(1-2) 43-64

Saskatchewan 72(1-2) 147-167
sheath folds
Brazil 92(3) 251-275
Northern Territory Australia 72(1-2) 43-67
Sri Lanka 66(1-4) 59-76
South Africa 55(1-4) 51-67; 55(1-4) 123-153; 55(1-4) 539-552
petrology 75(1-2) 1-15
Spitsbergen, petrology 70(3-4) 215-234
Sri Lanka 66(1-4) 39-57; 75(3-4) 263-277
petrology 66(1-4) 351-377
Sweden 79(3-4) 261-279
synclines
Brazil 65(1-4) 25-54
Western Australia 88(1-4) 83-108; 99(1-2) 33-64
synclinoria
India 67(3-4) 181-206
Western Australia 88(1-4) 83-108
synform folds
Brazil 86(3-4) 155-176
India 67(3-4) 181-206
Northern Territory Australia 72(1-2) 43-67
Russian Federation 82(1-2) 133-151
South Africa 52(1-2) 115-132
Sri Lanka 66(1-4) 59-76
Tanzania 62(3) 207-226
Western Australia 75(1-2) 47-63; 83(1-3) 11-42; 90(3-4) 141-158
Archean 61(1-2) 1-26
geochemistry 83(1-3) 133-183
Proterozoic 71(1-4) 3-15
Zimbabwe 55(1-4) 539-552
foliation *see also* cleavage
Afghanistan, petrology 98(3-4) 223-241
Algeria 65(1-4) 155-166
Antarctic Ocean 75(3-4) 189-207
Antarctica 63(3-4) 273-291; 65(1-4) 277-295; 75(3-4) 209-229
Appalachians, geochronology 99(1-2) 113-146
Arizona 67(3-4) 349-356
Brazil 84(3-4) 139-162; 92(3) 251-275; 97(1-2) 3-26; 99(1-2) 1-32
tectonophysics 82(1-2) 35-62
Canada, Archean 93(1) 5-26
Canadian Shield, gold ores 84(1-2) 83-103
China 67(1-2) 37-57
crust 78(1-3) 79-94
Ethiopia 52(1-2) 179-186; 62(3) 307-322; 98(1-2) 83-105
French Guiana 92(2) 165-194
Gabon, gold ores 77(3-4) 143-159
Ghana 82(1-2) 153-171
Greenland
Archean 93(1) 5-26
stratigraphy 69(1-4) 51-60
India 63(1-2) 43-58
petrology 66(1-4) 393-409
Labrador
metamorphic rocks 75(1-2) 91-118
petrology 78(4) 303
Mozambique 62(3) 307-322
New Mexico 67(3-4) 349-356
Newfoundland
metamorphic rocks 75(1-2) 91-118
petrology 78(4) 303
Northern Territory Australia 72(1-2) 43-67
geochronology 71(1-4) 45-68
Proterozoic 71(1-4) 155-181
Norway, intrusions 52(1-2) 97-113
Ontario 77(1-2) 41-57
petrology 82(3-4) 237-263
Quebec 68(3-4) 183-200
tectonophysics 63(1-2) 59-81
schistosity
Ethiopia 62(3) 271-283
Finland 64(1-4) 295-309
Malawi 62(3) 207-226
Mozambique 62(3) 271-283
Niger 70(3-4) 281-301
Sweden 79(3-4) 227-237
Tanzania 62(3) 207-226
slip cleavage
Ethiopia 62(3) 271-283
Ivory Coast 65(1-4) 207-229
Mozambique 62(3) 271-283
Namibia 57(3-4) 169-194
South Africa 55(1-4) 93-110
plate tectonics 86(1-2) 71-92
South Australia, Proterozoic 71(1-4) 155-181
Sri Lanka 66(1-4) 59-76
Sweden 72(3-4) 199-225
Togo 82(1-2) 153-171
Western Australia 68(1-2) 43-64; 85(3-4) 147-171; 88(1-4) 233-247
magmas 83(1-3) 203-219
petrology 78(4) 237-260; 83(4) 221-242
Zambia, geochronology 63(3-4) 189-209
Foraminifera
geochemistry 61(3-4) 191-207
fore-arc basins
Arabian Peninsula, tectonophysics 53(1-2) 119-147
India, geochemistry 84(3-4) 117-138
Morocco, plate tectonics 54(2-4) 295-319
Namibia, structural geology 57(3-4) 169-194
tectonophysics 91(1-2) 143-179
foreland basins
Atlantic region, plate tectonics 69(1-4) 169-191
Brazil, structural geology 86(3-4) 155-176
Canada, orogeny 86(3-4) 117-154
Gabon, gold ores 77(3-4) 143-159
Namibia, Proterozoic 63(3-4) 247-272
Northwest Territories, structural geology 93(1) 27-49
Ontario, sedimentary petrology 68(1-2) 23-42
Quebec, structural geology 93(1) 27-49
South Africa
sedimentary petrology 68(3-4) 257-290
tectonophysics 97(3-4) 303-323
Western Australia
metal ores 58(1-4) 345-354
Proterozoic 99(1-2) 33-64
formations, iron *see* iron formations
Fortescue Group
65(1-4) 297-317; 79(1-2) 3-24; 96(1-2) 63-82
deformation 88(1-4) 83-108
geochemistry 54(2-4) 231-256
fossil soils *see* Paleosols
Foxe Belt
geochronology 91(3-4) 383-399
plate tectonics 63(3-4) 325-347
Foxe-Rinkian Belt
faults 68(1-2) 65-79
fractional crystallization
Arizona, petrology 65(1-4) 255-276
Canada, metal ores 58(1-4) 355-386
Canadian Shield, geochemistry 65(1-4) 115-153; 67(3-4) 207-241; 92(2) 89-116; 96(1-2) 83-99
China, Proterozoic 62(1-2) 171-190
Colorado
magmas 85(1-2) 53-79; 98(3-4) 271-305
petrology 62(1-2) 139-169
Europe, geochemistry 62(1-2) 103-125
Finland
magmas 70(1-2) 45-65
petrology 51(1-4) 193-225; 59(3-4) 171-205
India, magmas 99(3-4) 225-254
Labrador
magmas 82(1-2) 63-84
petrology 51(1-4) 193-225; 68(3-4) 357-374
magmas 51(1-4) 1-25
Newfoundland
magmas 82(1-2) 63-84
petrology 51(1-4) 193-225; 68(3-4) 357-374
Nova Scotia, magmas 76(1-2) 93-113
Ontario
geochemistry 54(2-4) 173-194; 76(3-4) 119-153
magmas 51(1-4) 27-50
petrology 51(1-4) 173-192
Proterozoic 51(1-4) 337-350
Quebec, petrology 52(1-2) 71-96

Russian Federation, geochemistry 92(3) 223-250
Saskatchewan, magmas 70(1-2) 145-164
South Africa, petrology 70(3-4) 303-335
South Australia, magmas 79(3-4) 371-394
Swaziland, magmas 61(1-2) 89-116
Sweden, magmas 52(3-4) 187-214
tectonophysics 91(1-2) 143-179
Texas, magmas 85(1-2) 53-79
United States, metal ores 58(1-4) 355-386
Western Australia
geochemistry 83(1-3) 133-183
magmas 60(1-4) 151-174
petrology 88(1-4) 3-23
stratigraphy 60(1-4) 47-67
structural geology 83(1-3) 83-107

fracture zones
Denmark, tectonophysics 64(1-4) 419-430
Sweden, structural geology 72(3-4) 199-225

fractures
extension fractures
Northern Territory Australia 72(1-2) 43-67
Western Australia 75(1-2) 47-63
Finland, tectonophysics 64(1-4) 85-108
India, petrology 66(1-4) 379-392
Oman, energy sources 54(1) 1-14
Russian Federation, tectonophysics 64(1-4) 85-108
Sri Lanka, petrology 66(1-4) 379-392
Sweden 64(1-4) 67-84
Western Australia 88(1-4) 25-52

framework silicates *see* feldspar group; scapolite group; silica minerals

France *see also* Cadomian Orogeny
petrology, Armorican Massif 51(1-4) 393-427

Franceville Basin
diagenesis 65(1-4) 341-356

Franceville Group
diagenesis 65(1-4) 341-356
paleobotany 81(3-4) 197-221

Francevillian
Archean 97(3-4) 269-302
gold ores 77(3-4) 143-159
stratigraphy 96(1-2) 63-82

Franklin District Northwest Territories *see* Baffin Island

Franspoort Pipe
stratigraphy 69(1-4) 193-197

Frederick County Maryland
geochronology 99(1-2) 113-146

Frederick Quadrangle
geochronology 99(1-2) 113-146

Free State South Africa *see* Vredefort Dome

French Guiana *see also* Guyana Shield
plate tectonics 69(1-4) 169-191

French River
plate tectonics 91(3-4) 433-444
tectonophysics 91(3-4) 445-454

Froderyd Group
metal ores 82(1-2) 1-12

Front Range
magmas 98(3-4) 271-305

Frontenac Group
orogeny 86(3-4) 117-154

Frontenac Terrane
metal ores 58(1-4) 401-426

Fuping Complex
intrusions 56(1-2) 1-31

Fuping Terrane
tectonics 78(1-3) 95-103

gabbros *see also* anorthosite; metagabbro; norite; troctolite
Africa, sedimentary petrology 67(3-4) 243-276
Arctic Ocean, structural geology 64(1-4) 131-152
Australia, tectonics 55(1-4) 491-506
Brazil 80(3-4) 217-238
Canadian Shield, structural geology 68(3-4) 291-306
China, geochemistry 80(1-2) 23-48
Europe
geochemistry 62(1-2) 103-125
paleomagnetism 69(1-4) 25-50
Finland, paleomagnetism 74(4) 245-252
Greenland, geochemistry 94(1-2) 101-120
India 84(3-4) 181-196
Labrador, Proterozoic 99(1-2) 65-90
Mauritania, Archean 90(3-4) 107-117
Newfoundland, Proterozoic 99(1-2) 65-90
Norway 53(3-4) 233-242
tectonophysics 64(1-4) 403-417
Ontario 51(1-4) 27-50
Russian Federation
geochemistry 92(3) 223-250
paleomagnetism 74(4) 245-252
Sweden 95(1-2) 109-127
metal ores 82(1-2) 1-12

Gabon
diagenesis 65(1-4) 341-356
gold ores 77(3-4) 143-159
paleobotany 81(3-4) 197-221
plate tectonics 69(1-4) 169-191
structural geology 87(3-4) 161-216

Gagwe-Kabuye Lavas
paleomagnetism 74(4) 225-244

Galah Monzogranite
geochemistry 83(1-3) 133-183

galena *see also* lead ores
Finland, metal ores 51(1-4) 265-281
Ghana, gold ores 89(3-4) 129-143
Sweden, metal ores 51(1-4) 265-281

Galileia Batholith
structural geology 77(1-2) 1-15

Gallatin Range
tectonics 55(1-4) 155-168

Gamagara Shale
Archean 79(1-2) 25-35

Gamtoos Group
tectonophysics 97(3-4) 303-323

Gandarela Formation
Proterozoic 72(3-4) 235-245

Gandarela Syncline
deformation 65(1-4) 25-54

Gangau Tilloid
stratigraphy 79(3-4) 307-325

Gangpur Series
metal ores 77(1-2) 117-130

Gaoshanhe Group
Proterozoic 84(3-4) 197-220

Gaoyuzhuang Formation
paleobotany 96(3-4) 183-208

Gardar Province
petrology 81(1-2) 67-82
stratigraphy 54(2-4) 153-172; 69(1-4) 51-60

Garhwal Himalayas
Proterozoic 56(3-4) 291-318

Garhwal Volcanics
volcanism 87(3-4) 217-231

Gariep Belt
faults 90(1-2) 1-28
stratigraphy 73(1-4) 137-151
tectonophysics 97(3-4) 303-323

Gariep Orogeny
Proterozoic 63(3-4) 247-272

garnet group
Antarctica, metamorphism 75(3-4) 141-156
Cameroon, Archean 67(3-4) 321-347
India, geochemistry 98(1-2) 129-150
Ivory Coast, tectonics 86(3-4) 177-199
Northern Territory Australia, geochronology 71(1-4) 207-227
Scotland, geochronology 91(3-4) 401-418
South Africa, geochemistry 91(3-4) 253-267
Sri Lanka, petrology 66(1-4) 245-263
Zimbabwe, deformation 70(3-4) 191-213

Gaskiers Formation
Cambrian 73(1-4) 123-136

Gavião Block
Archean 63(3-4) 179-188
structural geology 86(3-4) 155-176

Gawler Craton
Archean 97(3-4) 269-302
magmas 79(3-4) 371-394
Proterozoic 94(3-4) 205-224

Geci Group
tectonics 62(1-2) 1-59
geobarometry *see* geologic barometry
geochemical anomalies
Canada, stratigraphy 100(1-3) 121-150
Canadian Shield, geochemistry 94(3-4) 139-173; 96(1-2) 83-99
China, Cambrian 93(2-3) 215-233
Europe, Proterozoic 82(3-4) 311-348
India, geochemistry 61(1-2) 137-164; 84(3-4) 117-138; 98(1-2) 129-150
Manitoba, geochemistry 92(1) 37-64
Ontario, geochemistry 76(3-4) 119-153; 93(4) 257-279
Russian Federation
intrusions 62(4) 453-472
metamorphism 62(4) 399-417
Saskatchewan, geochemistry 92(1) 37-64
Scotland, geochemistry 85(1-2) 81-96
South Africa, geochemistry 79(1-2) 37-55
South Australia, stratigraphy 100(1-3) 121-150
Sweden, geochemistry 64(1-4) 319-335
Western Australia, structural geology 83(1-3) 83-107
geochemical controls
Brazil, petrology 51(1-4) 283-314
geochemical cycle
Australia, geochemistry 63(3-4) 225-246
Canada, geochemistry 63(3-4) 225-246
Colorado, metal ores 61(3-4) 231-240
Iran, geochemistry 63(3-4) 225-246
Montana, geochemistry 63(3-4) 225-246
Namibia, geochemistry 63(3-4) 225-246
Northern Territory Australia, stratigraphy 96(1-2) 63-82
sedimentary petrology 73(1-4) 283-289
Western Australia, stratigraphy 96(1-2) 63-82
geochemistry
lithogeochemistry
Antarctica 75(3-4) 157-174; 75(3-4) 231-250
Ghana 98(1-2) 11-30
India 98(1-2) 53-65; 99(3-4) 225-254
Western Australia 90(3-4) 119-140
geochronology *see* absolute age; Archean; Cambrian; Carboniferous; Cretaceous; Devonian; Jurassic; Mesozoic; Oligocene; Ordovician; Paleocene; Paleozoic; Permian; Phanerozoic; Precambrian; Proterozoic; Silurian; Tertiary; Triassic
geodesy *see also* isostasy
Sweden, crust 64(1-4) 311-317
geologic barometry *see also* P-T-t paths
Cameroon, petrology 62(3) 191-205
Colorado, petrology 62(1-2) 139-169
India, petrology 83(4) 267-290
New Hampshire, petrology 55(1-4) 209-241
Northern Territory Australia, structural geology 72(1-2) 43-67
Russian Federation, fluid inclusions 62(4) 431-451
Saskatchewan, geochronology 95(3-4) 187-223
South Africa, phase equilibria 55(1-4) 201-207
Spain, structural geology 56(1-2) 113-137
Sri Lanka
petrology 66(1-4) 295-308
phase equilibria 66(1-4) 265-294
Zimbabwe
petrology 55(1-4) 259-277
phase equilibria 55(1-4) 201-207
geologic maps
South Africa, tectonics 55(1-4) 111-122
Sri Lanka 92(3) 317-318
Western Australia
deformation 88(1-4) 83-108
metal ores 88(1-4) 1-265
petrology 95(3-4) 275, 277-302
geologic thermometry *see also* C-13/C-12; P-T-t paths
Cameroon 62(3) 191-205
Canada, metal ores 58(1-4) 355-386
Colorado, petrology 62(1-2) 139-169
India, petrology 83(4) 267-290
Namibia, metamorphic rocks 55(1-4) 243-257
New Hampshire, petrology 55(1-4) 209-241
Northern Territory Australia, structural geology 72(1-2) 43-67
Russian Federation, fluid inclusions 62(4) 431-451
Saskatchewan, geochronology 95(3-4) 187-223
South Africa, phase equilibria 55(1-4) 201-207
Spain, structural geology 56(1-2) 113-137
Sri Lanka
geochemistry 66(1-4) 199-220
petrology 66(1-4) 295-308; 66(1-4) 351-377
phase equilibria 66(1-4) 265-294
United States, metal ores 58(1-4) 355-386
Zimbabwe
geochemistry 81(3-4) 179-196
petrology 55(1-4) 259-277
phase equilibria 55(1-4) 201-207
geological barometry *see* geologic barometry
geomorphology *see also* denudation; glacial geology; peneplains; sea-level changes; volcanic features; weathering
Africa, seismicity 90(3-4) 239-240
India 78(4) 297-298; 97(1-2) 135-136
geophysical methods
electrical methods, structural geology 55(1-4) 173-186
gravity methods
folds 83(1-3) 43-56
structural geology 72(3-4) 199-225; 78(1-3) 179-196
tectonophysics 64(1-4) 85-108; 70(1-2) 165-166
magnetic methods
geochemistry 83(1-3) 109-132
plate tectonics 66(1-4) 77-91
structural geology 55(1-4) 173-186; 72(3-4) 199-225; 75(1-2) 17-29; 78(1-3) 179-196
tectonophysics 64(1-4) 85-108
magnetotelluric methods, tectonophysics 64(1-4) 85-108; 70(1-2) 165-166; 99(3-4) 149-169
seismic methods
structural geology 55(1-4) 173-186
tectonophysics 64(1-4) 85-108; 64(1-4) 273-288; 99(3-4) 149-169
geophysical profiles *see* gravity profiles; magnetic profiles; seismic profiles
geophysical surveys *see also* Bouguer anomalies; electrical methods; European Geotraverse; gravity methods; heat flow; magnetic methods; magnetotelluric methods; seismic methods
India, petrology 70(1-2) 167-168
Georgina Basin
Proterozoic 73(1-4) 173-195
geotectonics *see* tectonics
geothermal gradient
Benin, petrology 82(3-4) 191-209
Brazil, structural geology 86(3-4) 155-176
Russian Federation
intrusions 62(4) 493-505
petrology 62(4) 473-491
South Africa, metal ores 79(1-2) 141-169
Sri Lanka, petrology 66(1-4) 295-308
Sweden, structural geology 72(3-4) 199-225
Zambia, uranium ores 58(1-4) 215-240
geothermal surveys *see* heat flow
geothermometry *see* geologic thermometry
German Southwest Africa *see* Namibia
Germany
structural geology
Saxony Germany 73(1-4) 235-250
Saxony-Thuringia 73(1-4) 235-250
Ghaap Group
Archean 79(1-2) 3-24
geochemistry 79(1-2) 57-71
stratigraphy 81(1-2) 145-149
structural geology 52(1-2) 133-166

Ghaap Plateau Dolomite
paleobotany 75(1-2) 65-90
Ghana
foliation 82(1-2) 153-171
geochemistry 98(1-2) 11-30
geochronology 56(1-2) 89-96; 67(1-2) 89-107
gold ores 89(3-4) 129-143
plate tectonics 69(1-4) 327-344
tectonophysics 56(1-2) 97-111; 69(1-4) 199-227
Ghats *see* Eastern Ghats
Giles Mudstone
Proterozoic 74(3) 119-175
Gindalbie Terrane
structural geology 83(1-3) 11-42; 83(1-3) 185-201
Giyani greenstone belt
structural geology 55(1-4) 173-186
tectonics 55(1-4) 111-122
glacial geology *see* ancient ice ages; glaciation; glaciotectonics
glacial rebound
North Sea, Mohorovicic discontinuity 64(1-4) 23-51
Scandinavia, Mohorovicic discontinuity 64(1-4) 23-51
glaciation
Australia, stratigraphy 85(3-4) 173-199
China
Proterozoic 94(1-2) 121-137
stratigraphy 85(3-4) 173-199
Far East, paleomagnetism 70(1-2) 113-143
Finland, stratigraphy 64(1-4) 253-271
Himalayas, paleomagnetism 70(1-2) 113-143
Ontario, stratigraphy 86(3-4) 201-223
South Australia
Cambrian 100(1-3) 21-63
Proterozoic 92(1) 65-87
stratigraphy 100(1-3) 151-179
Western Australia
paleomagnetism 100(1-3) 359-370
Proterozoic 92(1) 65-87
Yukon Territory, tectonophysics 69(1-4) 95-112
Glacier National Park
algae 61(3-4) 241-278
glaciology *see* glacial geology
glaciotectonics
South Australia, Cambrian 100(1-3) 21-63
glauconite
geochemistry 61(3-4) 191-207
Glengarry Basin
metal ores 90(3-4) 119-140
gliding (tectonics) *see* gravity sliding
gneisses *see also* augen gneiss; biotite gneiss; granite gneiss; orthogneiss; paragneiss
Antarctic Ocean, structural geology 75(3-4) 189-207
Antarctica 75(3-4) 141-156
foliation 65(1-4) 277-295
orogeny 75(3-4) 231-250
structural geology 75(3-4) 209-229
Arctic Ocean, structural geology 64(1-4) 131-152
Brazil 78(1-3) 151-164
Archean 63(3-4) 179-188
gold ores 68(1-2) 139-167
Proterozoic 59(3-4) 263-282
tectonophysics 53(1-2) 1-22; 82(1-2) 35-62
Cameroon 62(3) 191-205
Archean 67(3-4) 321-347
Canada, geochronology 91(3-4) 383-399
Canadian Shield, structural geology 68(3-4) 291-306
China 56(1-2) 1-31; 59(3-4) 207-223
crust 78(1-3) 79-94
structural geology 67(1-2) 37-57
Ethiopia, structural geology 77(3-4) 179-210
Europe, tectonophysics 64(1-4) 169-187
Finland, structural geology 64(1-4) 295-309
Greenland 78(1-3) 1-39; 86(1-2) 59-70
geochronology 91(3-4) 383-399
Proterozoic 63(1-2) 163-178
structural geology 72(3-4) 301-315
tectonophysics 91(3-4) 365-381
India 66(1-4) 379-392; 83(4) 267-290
geochemistry 55(1-4) 469-489; 62(1-2) 127-137
geochronology 80(3-4) 205-216
plate tectonics 70(3-4) 269-280
sedimentary petrology 70(1-2) 93-112
Ivory Coast 80(3-4) 173-191
Labrador 93(4) 281-297
structural geology 70(3-4) 169-190
Malawi 85(1-2) 27-51
Mali, geochemistry 65(1-4) 55-69
Manitoba, geochemistry 92(1) 37-64
Mozambique, tectonics 62(1-2) 1-59
New South Wales Australia, metal ores 90(3-4) 203-238; 98(1-2) 1-10
Newfoundland 93(4) 281-297
structural geology 70(3-4) 169-190
Nigeria, structural geology 87(1-2) 65-74
Northern Territory Australia 71(1-4) 183-205
Proterozoic 71(1-4) 155-181
Norway, Proterozoic 64(1-4) 389-402; 87(3-4) 117-135
Ontario 81(3-4) 223-239
geochemistry 74(1-2) 73-89; 85(1-2) 97-113
plate tectonics 91(3-4) 433-444
tectonophysics 91(3-4) 445-454
Quebec, tectonophysics 63(1-2) 59-81
Queensland Australia, geochronology 89(3-4) 101-127
Rocky Mountains 78(1-3) 41-52
Russian Federation 62(4) 375-397
crust 64(1-4) 189-195; 91(3-4) 333-363
Saskatchewan
geochemistry 92(1) 37-64
geochronology 61(1-2) 27-50
tectonophysics 69(1-4) 11-24
South Africa 55(1-4) 33-45; 55(1-4) 327-336
geochronology 95(3-4) 225-243
metal ores 59(1-2) 43-71; 77(3-4) 243-271
structural geology 55(1-4) 93-110
South Australia, Proterozoic 71(1-4) 155-181
Sri Lanka 66(1-4) 1-409; 66(1-4) 379-392
plate tectonics 66(1-4) 77-91; 70(3-4) 269-280
Proterozoic 66(1-4) 151-181
structural geology 66(1-4) 59-76
Swaziland 67(1-2) 109-139
Sweden
Proterozoic 64(1-4) 361-388; 79(3-4) 239-259; 87(3-4) 117-135
structural geology 70(3-4) 235-251; 72(3-4) 199-225
Ukraine 78(1-3) 65-78
Virginia, geochemistry 84(1-2) 37-62
Western Australia
Archean 52(3-4) 275-300; 61(1-2) 1-26; 91(3-4) 309-332
geochronology 95(3-4) 225-243
structural geology 59(1-2) 95-123; 88(1-4) 233-247
Zimbabwe 55(1-4) 33-45; 55(1-4) 259-277; 55(1-4) 407-427
geochemistry 81(3-4) 179-196
Godthaabsfjord
geochemistry 82(3-4) 177-189
Goias Brazil
petrology 80(3-4) 217-238
Proterozoic 52(3-4) 321-335
structural geology 59(1-2) 125-143
gold
Ghana, geochronology 67(1-2) 89-107
Gold Coast *see* Ghana
gold ores
58(1-4) 241-287; 58(1-4) 387-400
Africa 58(1-4) 305-344
Arabian Peninsula 58(1-4) 169-194
Brazil 68(1-2) 139-167

structural geology 86(3-4) 155-176
Canada, petrology 83(1-3) 1-10
Canadian Shield 58(1-4) 25-54; 84(1-2) 83-103
Archean 97(1-2) 77-97
Gabon 77(3-4) 143-159
Ghana 89(3-4) 129-143
geochronology 67(1-2) 89-107
Greenland 62(1-2) 61-82
India 59(3-4) 327-328
Northern Territory Australia 78(4) 211-235
Northwest Territories 58(1-4) 1-24
Ontario 58(1-4) 99-119
Archean 76(3-4) 191-211
Russian Federation 58(1-4) 289-303; 58(1-4) 427-446
South Africa 79(1-2) 125-140; 79(1-2) 141-169; 91(1-2) 65-90; 95(3-4) 167-185; 96(3-4) 209-224
Archean 97(3-4) 191-214
geochemistry 52(3-4) 301-319
structural geology 55(1-4) 93-110; 55(1-4) 123-153
South Dakota 58(1-4) 85-97
Ukraine 58(1-4) 289-303
United States 58(1-4) 99-119
Western Australia 51(1-4) 85-113; 58(1-4) 55-70; 58(1-4) 345-354; 88(1-4) 249-265; 90(3-4) 119-140; 96(3-4) 143-181; 98(3-4) 243-270
petrology 83(1-3) 1-10
Wyoming 58(1-4) 85-97

Gondor Suite
geochemistry 67(3-4) 207-241

Gondwana
Africa, paleomagnetism 74(4) 225-244
Antarctic Ocean, metamorphism 89(3-4) 175-205
Antarctica
Mesozoic 75(3-4) 251-262
paleomagnetism 74(4) 225-244
tectonics 86(1-2) 1-19
Arabian Peninsula, petrology 86(1-2) 45-58
Bolivia, metamorphism 94(1-2) 73-99
Brazil
petrology 80(3-4) 217-238; 93(2-3) 153-180
plate tectonics 53(1-2) 23-40; 78(4) 301-302
structural geology 92(3) 251-275
Chile, metamorphism 94(1-2) 73-99
Ethiopia, structural geology 77(3-4) 179-210; 98(1-2) 83-105
Ghana, foliation 82(1-2) 153-171
India
paleomagnetism 69(1-4) 259-267
petrology 66(1-4) 379-392
plate tectonics 70(3-4) 269-280; 82(1-2) 173-175; 85(3-4) 241-242
tectonophysics 80(1-2) 77-87; 82(3-4) 350-351
Israel, metamorphism 98(1-2) 107-127
Mexico
metamorphism 94(1-2) 73-99
Proterozoic 96(3-4) 245-262
Namibia, faults 90(1-2) 1-28
New York, Proterozoic 96(3-4) 245-262
Nova Scotia, magmas 76(1-2) 93-113
plate tectonics 82(1-2) 101-112
Red Sea region, petrology 86(1-2) 45-58
South Africa
faults 90(1-2) 1-28
plate tectonics 86(1-2) 71-92
Sri Lanka
petrology 66(1-4) 379-392
plate tectonics 66(1-4) 77-91; 70(3-4) 269-280
structural geology 75(3-4) 263-277
tectonophysics 80(1-2) 77-87
tectonophysics 84(1-2) 113-115
Texas, metamorphism 94(1-2) 73-99
Togo, foliation 82(1-2) 153-171
Uruguay, petrology 74(3) 177-194; 93(2-3) 153-180
Western Australia, structural geology 75(1-2) 47-63
Zimbabwe
geochemistry 81(3-4) 179-196
tectonics 98(1-2) 67-82

Goniosphaeridium alinyum
Proterozoic 74(3) 119-175

Gorge Creek Group
deformation 88(1-4) 83-108
geochemistry 57(1-2) 21-47
petrology 95(3-4) 275, 277-302
stratigraphy 60(1-4) 1-45; 96(1-2) 63-82
tectonics 88(1-4) 207-231
Gorges District, Yangtze *see* Yangtze Three Gorges

Gorgonisphaeridium pindyium
Proterozoic 74(3) 119-175

Gorgonisphaeridium torrensium
Proterozoic 74(3) 119-175

Gothian
cobalt ores 91(3-4) 419-432
faults 68(1-2) 65-79
geochemistry 82(3-4) 287-309
tectonophysics 92(3) 297-315
Gothian Orogeny *see* Sveconorwegian Orogeny
Gothlandian *see* Silurian

Gotland Sweden
crust 64(1-4) 311-317
Gotlandian *see* Silurian

Gough Island
petrology 74(3) 177-194

Gouhou Formation
Cambrian 57(3-4) 243-323

Gowganda Formation 86(3-4) 201-223

grabens *see also* horsts
Namibia, faults 90(1-2) 1-28
New England, structural geology 53(1-2) 41-78
plate tectonics 82(1-2) 101-112
South Africa, faults 90(1-2) 1-28
South Australia, Cambrian 100(1-3) 21-63
Western Australia, metal ores 88(1-4) 67-82

graded bedding
India, Proterozoic 84(1-2) 63-81
South Australia, Proterozoic 74(3) 119-175
Western Australia 60(1-4) 337-359

grainstone
Arctic region, stratigraphy 53(3-4) 165-197
Spitsbergen, stratigraphy 53(3-4) 165-197

Grand Canyon
algae 61(3-4) 241-278
petrology 65(1-4) 255-276

Grandfather Mountain Window
Proterozoic 68(1-2) 81-95

granite gneiss
Africa 93(4) 299-337
Algeria, structural geology 65(1-4) 155-166
Antarctica, structural geology 63(3-4) 273-291
Appalachians, geochronology 99(1-2) 113-146
Bolivia 94(1-2) 73-99
Brazil
deformation 65(1-4) 25-54
Proterozoic 72(3-4) 235-245
Chile 94(1-2) 73-99
India
deformation 65(1-4) 319-339
structural geology 72(3-4) 283-299
Mexico 94(1-2) 73-99
New York 57(1-2) 1-19
Northern Territory Australia, geochronology 71(1-4) 17-43
South Africa 55(1-4) 81-92
Texas 94(1-2) 73-99
Western Australia 83(1-3) 203-219
geochemistry 83(1-3) 109-132
structural geology 83(1-3) 11-42

granites *see also* A-type granites; adamellite; alkali granites; aplite; biotite granite; charnockite; enderbite; granodiorites; I-type granites; leucogranite; monzogranite; muscovite

granite; pegmatite; quartz monzonite; rapakivi; S-type granites; two-mica granite
51(1-4) 1-468; 51(1-4) 161-172
Africa 78(1-3) 105-124; 96(1-2) 141-142
Arctic Ocean, structural geology 64(1-4) 131-152
Arctic region 70(3-4) 215-234
Arizona, structural geology 67(3-4) 349-356
Brazil 78(1-3) 151-164
Archean 63(3-4) 179-188
gold ores 68(1-2) 139-167
Proterozoic 52(3-4) 321-335
structural geology 84(3-4) 139-162
tectonophysics 53(1-2) 1-22; 81(3-4) 299-310
Canada 83(1-3) 1-10
Archean 93(1) 5-26
Canadian Shield, crust 99(3-4) 197-224
China 93(2-3) 181-199
crust 78(1-3) 79-94
geochronology 97(1-2) 43-57
Proterozoic 62(1-2) 171-190
Egypt, geochemistry 80(1-2) 1-22
Ethiopia, structural geology 77(3-4) 179-210
Europe 74(1-2) 57-72
Finland, structural geology 64(1-4) 295-309
France 51(1-4) 393-427
French Guiana, structural geology 92(2) 165-194
Gabon, gold ores 77(3-4) 143-159
Ghana
geochronology 56(1-2) 89-96
gold ores 89(3-4) 129-143
tectonophysics 56(1-2) 97-111
Greenland 81(1-2) 67-82
Archean 93(1) 5-26
India 82(3-4) 349-350; 99(3-4) 225-254
geochemistry 62(1-2) 127-137
geochronology 59(1-2) 145-170; 68(1-2) 169-173; 68(1-2) 175-178; 78(4) 261-272; 80(3-4) 205-216
Ivory Coast 80(3-4) 173-191
geochemistry 87(1-2) 33-63
Labrador 78(4) 303; 81(1-2) 67-82
Malawi 85(1-2) 27-51
structural geology 62(3) 207-226
Manitoba, structural geology 80(1-2) 107-124
Montana, tectonics 55(1-4) 155-168
Namibia 92(4) 341-363
New Mexico, structural geology 67(3-4) 349-356
Newfoundland 78(4) 303; 81(1-2) 67-82
Niger
folds 67(1-2) 59-88
structural analysis 70(3-4) 281-301
Northern Territory Australia 94(3-4) 225-250
geochronology 71(1-4) 17-43
Proterozoic 71(1-4) 265-299
structural geology 72(1-2) 43-67
tectonophysics 65(1-4) 71-94
Northwest Territories, metal ores 58(1-4) 1-24
Norway, tectonophysics 92(3) 297-315
Ontario 72(3-4) 263-281; 78(1-3) 53-63; 81(3-4) 223-239
geochemistry 92(4) 365-387
Quebec 72(3-4) 263-281
Queensland Australia 94(3-4) 225-250
Russian Federation 54(2-4) 195-210; 62(4) 431-451; 62(4) 453-472; 62(4) 493-505
crust 91(3-4) 333-363
metal ores 58(1-4) 121-141
Saskatchewan, geochronology 61(1-2) 27-50
South Africa 55(1-4) 1-5
metal ores 91(1-2) 65-90
structural geology 55(1-4) 93-110; 55(1-4) 173-186; 55(1-4) 553-570
tectonics 55(1-4) 69-80; 55(1-4) 111-122; 55(1-4) 169-172
South Australia 79(3-4) 371-394
Spain, structural geology 56(1-2) 113-137
Spitsbergen 70(3-4) 215-234
Sri Lanka 66(1-4) 3-18
geochronology 66(1-4) 123-149
structural geology 66(1-4) 21-37
Sudan, plate tectonics 53(1-2) 99-118
Sweden 52(3-4) 187-214; 96(3-4) 225-243
geochemistry 64(1-4) 319-335
geochronology 77(1-2) 91-103
orogeny 64(1-4) 225-238
Proterozoic 79(3-4) 227-237
structural geology 64(1-4) 67-84; 72(3-4) 199-225; 75(1-2) 17-29
tectonics 93(1) 105-117
tectonophysics 69(1-4) 61-79; 92(3) 297-315
Tanzania 77(1-2) 105-115
structural geology 62(3) 207-226; 93(1) 119-137
tectonophysics 91(1-2) 143-179
United States, tectonophysics 65(1-4) 71-94
Virginia 59(1-2) 33-42
Western Australia 60(1-4) 151-174; 83(1-3) 1-10; 83(1-3) 1-219; 95(3-4) 275, 277-302; 96(1-2) 125-139
Archean 97(3-4) 165-189
deformation 88(1-4) 83-108
folds 83(1-3) 43-56
geochemistry 54(2-4) 211-229; 83(1-3) 109-132
plate tectonics 88(1-4) 143-171
structural geology 62(3) 343-365; 68(1-2) 43-64; 75(1-2) 47-63; 80(1-2) 89-105; 83(1-3) 57-81; 83(1-3) 185-201; 85(3-4) 147-171; 88(1-4) 233-247; 94(1-2) 11-28
tectonics 88(1-4) 109-142
tectonophysics 91(1-2) 181-227
Wyoming 89(3-4) 145-173
tectonics 55(1-4) 155-168
Zambia, geochronology 63(3-4) 189-209
Zimbabwe 55(1-4) 1-5; 55(1-4) 259-277
Archean 91(3-4) 269-285
structural geology 55(1-4) 173-186; 55(1-4) 553-570
tectonics 55(1-4) 69-80; 55(1-4) 169-172
granitic gneiss *see* granite gneiss
granodiorites
Brazil 51(1-4) 351-374; 93(2-3) 153-180
tectonophysics 82(1-2) 35-62
California, geochemistry 91(1-2) 109-142
Canadian Shield, geochemistry 65(1-4) 115-153; 67(3-4) 207-241; 76(3-4) 155-190; 96(1-2) 83-99
Egypt, geochemistry 82(3-4) 211-236
Ethiopia 76(1-2) 3-14
Europe 51(1-4) 127-149
Ivory Coast, tectonophysics 65(1-4) 207-229
Ontario 51(1-4) 27-50
geochemistry 82(3-4) 265-285
Quebec
foliation 68(3-4) 183-200
tectonophysics 63(1-2) 59-81
Romania, orogeny 80(3-4) 281-301
Seychelles, tectonophysics 69(1-4) 281-292
South Africa 75(1-2) 1-15
Uruguay 93(2-3) 153-180
Western Australia 51(1-4) 51-83
geochemistry 83(1-3) 133-183; 96(1-2) 41-62
granophyre
Missouri 51(1-4) 245-263
granulite facies
Africa, petrology 93(4) 299-337
Algeria, structural geology 65(1-4) 155-166
Antarctic Ocean, structural geology 75(3-4) 189-207
Antarctica
geochronology 75(3-4) 175-188
metamorphic rocks 93(2-3) 235-258
orogeny 75(3-4) 231-250
petrology 63(1-2) 1-26
structural geology 63(3-4) 273-291
tectonics 86(1-2) 1-19
Australia, petrology 81(1-2) 37-66

Baltic region, crust 64(1-4) 289-294
Bolivia, metamorphism 94(1-2) 73-99
Brazil
  geochemistry 77(1-2) 23-40
  petrology 68(3-4) 241-255
  structural geology 92(3) 251-275; 97(1-2) 3-26
Canadian Shield, geochemistry 65(1-4) 115-153
Chile, metamorphism 94(1-2) 73-99
Ethiopia, structural geology 62(3) 307-322
Europe, tectonophysics 64(1-4) 169-187
Greenland
  petrology 63(3-4) 293-323; 86(1-2) 59-70
  tectonophysics 91(3-4) 365-381
India
  geochemistry 55(1-4) 469-489
  petrology 83(4) 267-290; 91(1-2) 41-63
Labrador
  metamorphic rocks 75(1-2) 91-118
  petrology 63(3-4) 293-323
  Proterozoic 99(1-2) 65-90
  structural geology 81(1-2) 15-35
magmas 55(1-4) 297-301
Malawi
  petrology 85(1-2) 27-51
  structural geology 62(3) 207-226
Manitoba, geochronology 68(1-2) 1-21
Mexico
  metamorphism 94(1-2) 73-99
  Proterozoic 96(3-4) 245-262
Mozambique, structural geology 62(3) 307-322
Namibia, metamorphic rocks 55(1-4) 243-257
New Hampshire, petrology 55(1-4) 209-241
New Jersey, petrology 51(1-4) 115-125
New York
  petrology 57(1-2) 1-19
  Proterozoic 96(3-4) 245-262
Newfoundland
  metamorphic rocks 75(1-2) 91-118
  petrology 63(3-4) 293-323
  Proterozoic 99(1-2) 65-90
  structural geology 81(1-2) 15-35
Northern Territory Australia
  geochronology 71(1-4) 45-68; 71(1-4) 229-250
  Proterozoic 71(1-4) 3-15; 71(1-4) 69-89; 71(1-4) 155-181
  structural geology 72(1-2) 43-67
Northwest Territories, structural geology 93(1) 27-49
Norway, Proterozoic 64(1-4) 389-402
Ontario, petrology 92(2) 117-128
Quebec, structural geology 93(1) 27-49
Russian Federation
  crust 64(1-4) 189-195; 91(3-4) 333-363
  fluid inclusions 62(4) 431-451
  intrusions 54(2-4) 195-210
Scandinavia, crust 64(1-4) 289-294
Scotland, geochronology 91(3-4) 401-418
South Africa
  geochemistry 55(1-4) 353-364; 55(1-4) 365-397
  magmas 82(1-2) 113-132
  metal ores 77(3-4) 243-271
  metamorphism 55(1-4) 1-5
  petrology 55(1-4) 33-45; 55(1-4) 303-319; 55(1-4) 321-325; 55(1-4) 327-336; 70(3-4) 303-335; 78(1-3) 139-150; 87(1-2) 87-115
  structural geology 55(1-4) 525-538; 55(1-4) 553-570; 96(3-4) 263-288
South Australia
  magmas 79(3-4) 371-394
  Proterozoic 71(1-4) 155-181
Sri Lanka
  geochemistry 66(1-4) 183-198; 66(1-4) 199-220; 66(1-4) 223-244; 66(1-4) 325-349
  geochronology 66(1-4) 123-149
  petrology 66(1-4) 295-308; 66(1-4) 351-377
  phase equilibria 66(1-4) 265-294
  Proterozoic 66(1-4) 151-181
  structural geology 66(1-4) 21-37; 66(1-4) 39-57; 66(1-4) 59-76
Sweden, Proterozoic 79(3-4) 239-259; 92(4) 319-339
Tanzania
  metamorphism 74(4) 195-202
  structural geology 62(3) 207-226
Texas, metamorphism 94(1-2) 73-99
Virginia, geochemistry 84(1-2) 37-62
Western Australia
  metamorphism 83(4) 243-265
  petrology 68(3-4) 307-321
  Proterozoic 71(1-4) 3-15
  structural geology 75(1-2) 47-63; 78(1-3) 179-196
Zimbabwe
  Archean 91(3-4) 269-285
  geochemistry 55(1-4) 353-364
  metamorphism 55(1-4) 1-5; 55(1-4) 407-427
  petrology 55(1-4) 33-45; 55(1-4) 321-325; 87(1-2) 87-115
  structural geology 55(1-4) 553-570

granulites
51(1-4) 161-172; 55(1-4) 297-301; 55(1-4) 399-405
Antarctica 75(3-4) 141-156
  foliation 65(1-4) 277-295
  geochemistry 75(3-4) 157-174
  Mesozoic 75(3-4) 251-262
Australia 66(1-4) 309-323
  tectonics 55(1-4) 491-506
Baltic region, crust 64(1-4) 289-294
Belarus, tectonophysics 68(3-4) 231-240
Bolivia 94(1-2) 73-99
Brazil
  structural geology 97(1-2) 3-26
  tectonophysics 53(1-2) 1-22
Chile 94(1-2) 73-99
China 59(3-4) 207-223
  structural geology 67(1-2) 37-57
Estonia, tectonophysics 68(3-4) 231-240
Finland, tectonophysics 64(1-4) 85-108
India 66(1-4) 393-409
  geochemistry 87(1-2) 75-85; 98(1-2) 129-150
  plate tectonics 70(3-4) 269-280
Ivory Coast, tectonics 86(3-4) 177-199
Labrador, Proterozoic 99(1-2) 65-90
Malawi 85(1-2) 27-51
Mexico 94(1-2) 73-99
  Proterozoic 96(3-4) 245-262
Mozambique, tectonics 62(1-2) 1-59
New Hampshire 55(1-4) 209-241
New York, Proterozoic 96(3-4) 245-262
Newfoundland, Proterozoic 99(1-2) 65-90
Northern Territory Australia
  Proterozoic 71(1-4) 155-181
  structural geology 72(1-2) 43-67
Norway 64(1-4) 347-360
Ontario 92(2) 117-128
Russian Federation 62(4) 431-451; 62(4) 473-491
  tectonophysics 64(1-4) 85-108
Saskatchewan, geochronology 61(1-2) 27-50
Scandinavia, crust 64(1-4) 289-294
South Africa 55(1-4) 1-587; 55(1-4) 81-92; 55(1-4) 201-207; 55(1-4) 279-296; 55(1-4) 303-319; 55(1-4) 337-352; 82(1-2) 113-132
  geochemistry 55(1-4) 353-364
  structural geology 55(1-4) 525-538; 55(1-4) 553-570; 96(3-4) 263-288
  tectonics 55(1-4) 69-80; 55(1-4) 111-122; 55(1-4) 169-172
South Australia, Proterozoic 71(1-4) 155-181
Sri Lanka 66(1-4) 245-263
  plate tectonics 70(3-4) 269-280
  structural geology 75(3-4) 263-277
Sweden 64(1-4) 347-360
  Proterozoic 64(1-4) 361-388; 79(3-4) 239-259; 92(4) 319-339
Tanzania, structural geology 93(1) 119-137
Texas 94(1-2) 73-99
Western Australia 68(3-4) 307-321; 96(1-2) 125-139

Zimbabwe 55(1-4) 1-587; 55(1-4) 201-207
Archean 91(3-4) 269-285
deformation 70(3-4) 191-213
geochemistry 55(1-4) 353-364
structural geology 55(1-4) 553-570
tectonics 55(1-4) 69-80; 55(1-4) 169-172
graphitization
geochemistry 61(3-4) 171-179
Grassy Group
stratigraphy 100(1-3) 299-312
grauwacke *see* graywacke
gravitational differentiation *see* crystal fractionation
gravity faults *see* normal faults
gravity gliding *see* gravity sliding
gravity methods *see also* Bouguer anomalies; gravity profiles
folds 83(1-3) 43-56
structural geology 72(3-4) 199-225; 78(1-3) 179-196
tectonophysics 64(1-4) 85-108; 70(1-2) 165-166
gravity profiles
India, tectonophysics 99(3-4) 149-169
Sri Lanka, plate tectonics 66(1-4) 77-91
Western Australia, petrology 96(1-2) 125-139
gravity sliding
Northern Territory Australia, volcanism 94(3-4) 225-250
Queensland Australia, volcanism 94(3-4) 225-250
gray hematite *see* specularite
graywacke
Canadian Shield, petrology 62(3) 285-305
Central African Republic, petrology 68(1-2) 97-113
India 70(1-2) 93-112
geochemistry 67(1-2) 11-35
Ontario, geochemistry 52(1-2) 53-69
Sri Lanka, geochemistry 66(1-4) 223-244
Great Britain *see also* Scotland
faults 68(1-2) 65-79
structural geology 53(1-2) 41-78
Great Dyke
paleomagnetism 69(1-4) 269-280
Great Lakes
deformation, Lake Huron 93(1) 51-70
metal ores, Lake Huron 58(1-4) 99-119
Great Lakes region
deformation 93(1) 51-70
petrology 84(1-2) 17-36
Great Slave Lake
Proterozoic 90(3-4) 187-202
Green River Formation
sedimentary petrology 61(3-4) 181-190
Greenfield Quadrangle
geochemistry 84(1-2) 37-62
Greenland
Archean 62(3) 239-270; 93(1) 5-26
Cambrian 73(1-4) 217-233
carbonates 53(3-4) 281-299
faults 68(1-2) 65-79
geochemistry 57(1-2) 49-90; 94(1-2) 101-120
Godthaabsfjord 82(3-4) 177-189
geochronology 91(3-4) 383-399
gold ores 62(1-2) 61-82
metamorphism, Isua Belt 72(3-4) 227-234
paleobotany 96(1-2) 1-23
petrology 63(3-4) 293-323; 78(1-3) 1-39; 81(1-2) 67-82; 86(1-2) 59-70
Proterozoic 63(1-2) 163-178
stratigraphy 54(2-4) 153-172; 69(1-4) 51-60
structural geology 72(3-4) 301-315; 93(1) 71-85; 93(1) 87-104
tectonophysics 82(1-2) 174-175; 91(3-4) 365-381
greenschist facies
Antarctic Ocean, metamorphism 89(3-4) 175-205
Brazil
gold ores 68(1-2) 139-167
Proterozoic 72(3-4) 235-245
Central African Republic, petrology 68(1-2) 97-113
China, intrusions 56(1-2) 1-31
Ethiopia
metamorphic rocks 80(3-4) 261-279
metamorphism 62(3) 271-283
structural geology 62(3) 307-322; 98(1-2) 83-105
Ghana, geochemistry 98(1-2) 11-30
Greenland, gold ores 62(1-2) 61-82
India
geochemistry 84(3-4) 117-138
geochronology 78(4) 261-272
structural geology 63(1-2) 43-58
Ivory Coast
petrology 80(3-4) 173-191
tectonophysics 65(1-4) 207-229
Malawi, structural geology 62(3) 207-226
Manitoba
geochemistry 92(1) 37-64
structural geology 72(1-2) 147-167
Mozambique
metamorphism 62(3) 271-283
structural geology 62(3) 307-322
Namibia, crust 63(1-2) 143-162
New Mexico, structural geology 84(1-2) 1-15
Niger, folds 67(1-2) 59-88
Northern Territory Australia
geochronology 71(1-4) 45-68; 71(1-4) 229-250
Proterozoic 71(1-4) 315-346
Norway, petrology 64(1-4) 347-360
Ontario
geochemistry 54(2-4) 173-194
structural geology 77(1-2) 41-57
Saskatchewan
geochemistry 92(1) 37-64
structural geology 72(1-2) 147-167
South Africa
crust 63(1-2) 143-162
petrology 63(1-2) 27-41; 79(1-2) 101-123
structural geology 55(1-4) 123-153
Sweden
iron ores 54(2-4) 109-130
petrology 64(1-4) 347-360
structural geology 79(3-4) 261-279
Tanzania, structural geology 62(3) 207-226
Virginia, geochemistry 84(1-2) 37-62
Western Australia
petrology 83(4) 221-242; 96(1-2) 125-139
structural geology 83(1-3) 57-81
tectonics 88(1-4) 207-231
Zimbabwe, petrology 55(1-4) 259-277
greenstone
Africa 78(1-3) 105-124; 96(1-2) 141-142
Arctic Ocean, structural geology 64(1-4) 131-152
Brazil, tectonophysics 81(3-4) 299-310
Canada 83(1-3) 1-10
China 93(2-3) 181-199
India
geochronology 59(1-2) 145-170; 80(3-4) 205-216
structural geology 91(1-2) 15-39
Manitoba, structural geology 80(1-2) 107-124
Niger, structural analysis 70(3-4) 281-301
Northwest Territories, metal ores 58(1-4) 1-24
Ontario 81(3-4) 223-239
Russian Federation 54(2-4) 195-210
crust 91(3-4) 333-363
metal ores 58(1-4) 427-446
South Africa 55(1-4) 1-5; 82(1-2) 113-132
geochemistry 52(3-4) 301-319
metal ores 91(1-2) 65-90
structural geology 55(1-4) 93-110; 55(1-4) 553-570
tectonics 55(1-4) 69-80; 55(1-4) 111-122; 55(1-4) 169-172
Swaziland 67(1-2) 109-139
tectonophysics 91(1-2) 143-179
Western Australia 52(3-4) 245-273; 78(4) 237-260; 83(1-3) 1-10; 83(1-3) 1-219; 83(1-3) 203-219

Archean 97(3-4) 165-189
folds 83(1-3) 43-56
geochemistry 54(2-4) 211-229; 83(1-3) 109-132; 83(1-3) 133-183
structural geology 62(3) 343-365; 78(1-3) 179-196; 80(1-2) 89-105; 83(1-3) 11-42; 83(1-3) 57-81; 83(1-3) 83-107; 83(1-3) 185-201; 88(1-4) 233-247; 91(1-2) 15-39; 94(1-2) 11-28
tectonics 88(1-4) 109-142; 88(1-4) 207-231
tectonophysics 91(1-2) 181-227
Zimbabwe 55(1-4) 1-5; 55(1-4) 259-277
structural geology 55(1-4) 553-570
tectonics 55(1-4) 69-80; 55(1-4) 169-172
greenstone belts
Africa, structural geology 61(1-2) 67-88
Brazil, structural geology 84(3-4) 139-162
Canadian Shield
Archean 92(3) 277-295; 97(1-2) 77-97
geochemistry 76(3-4) 155-190; 94(3-4) 139-173
petrology 97(1-2) 27-42
Central African Republic, petrology 68(1-2) 97-113
French Guiana, structural geology 92(2) 165-194
Gabon, gold ores 77(3-4) 143-159
India
geochemistry 61(1-2) 137-164; 72(1-2) 69-95
intrusions 82(3-4) 349-350
isostasy 92(4) 387-412
Ontario
Archean 76(3-4) 191-211
geochemistry 76(3-4) 119-153; 92(4) 365-387
petrology 78(1-3) 53-63; 81(3-4) 155-178
plate tectonics 78(4) 299-301
Quebec
foliation 68(3-4) 183-200
tectonophysics 63(1-2) 59-81
Russian Federation, petrology 62(4) 375-397
South Africa
lava 78(1-3) 125-138
volcanism 61(1-2) 117-136
Western Australia
Archean 61(1-2) 1-26
geochemistry 96(1-2) 41-62
metal ores 96(3-4) 143-181
petrology 95(3-4) 275, 277-302
stratigraphy 97(3-4) 155-164
structural geology 85(3-4) 147-171
Zimbabwe, stratigraphy 97(3-4) 155-164
greisen
Finland, metal ores 51(1-4) 265-281
Sweden, metal ores 51(1-4) 265-281
Grenville Front
deformation 92(2) 145-164
folds 85(3-4) 117-146
metal ores 58(1-4) 401-426
orogeny 86(3-4) 117-154
petrology 72(3-4) 263-281
tectonics 63(1-2) 123-142
tectonophysics 91(3-4) 445-454
Grenville Orogeny *see* Grenvillian Orogeny
Grenville Province *see also* Central Gneiss Belt; Elzevir Terrane; Grenvillian Orogeny
deformation 92(2) 145-164
geochronology 77(3-4) 231-241
magmas 53(3-4) 199-231
metamorphic rocks 90(1-2) 59-83
orogeny 80(3-4) 239-260
petrology 62(3) 285-305; 72(3-4) 263-281; 79(3-4) 327-346; 81(1-2) 67-82
plate tectonics 91(3-4) 433-444
structural geology 81(1-2) 101-128
Grenvillian Orogeny
51(1-4) 337-350
Appalachians 99(1-2) 113-146
Arctic region, petrology 70(3-4) 215-234
Bolivia, metamorphism 94(1-2) 73-99
Brazil
petrology 93(2-3) 153-180
plate tectonics 76(3-4) 213-227
Canada, orogeny 86(3-4) 117-154
Canadian Shield, structural geology 68(3-4) 291-306
Chile, metamorphism 94(1-2) 73-99
Colorado, magmas 85(1-2) 53-79
India 94(3-4) 251-271
petrology 83(4) 267-290
Labrador 99(1-2) 65-90
petrology 51(1-4) 315-336
tectonics 63(1-2) 123-142
Mexico 96(3-4) 245-262
metamorphism 94(1-2) 73-99
New Jersey, petrology 51(1-4) 115-125
New Mexico, structural geology 84(1-2) 1-15
New York 96(3-4) 245-262
petrology 57(1-2) 1-19
Newfoundland 99(1-2) 65-90
petrology 51(1-4) 315-336
tectonics 63(1-2) 123-142
Norway 90(3-4) 159-185
Ontario
folds 85(3-4) 117-146
geochemistry 85(1-2) 97-113
structural geology 77(1-2) 41-57
tectonophysics 91(3-4) 445-454
Russian Federation, plate tectonics 64(1-4) 3-21
South Africa, plate tectonics 86(1-2) 71-92
Spitsbergen, petrology 70(3-4) 215-234
Sweden, structural geology 98(1-2) 151-171
Texas
magmas 85(1-2) 53-79
metamorphism 94(1-2) 73-99
petrology 94(1-2) 49-72
Uruguay, petrology 93(2-3) 153-180
Virginia, geochemistry 84(1-2) 37-62
greywacke *see* graywacke
Griqualand
structural geology 52(1-2) 133-166
Griqualand West Sequence
geochemistry 72(1-2) 109-145
paleobotany 75(1-2) 65-90
petrology 79(1-2) 101-123
Griqualand West Subbasin
geochemistry 79(1-2) 37-55
Griquatown Iron Formation
geochemistry 72(1-2) 109-145
Gronnedal-Ika alkaline complex
stratigraphy 69(1-4) 51-60
Groswater Bay Terrane
orogeny 80(3-4) 239-260
Proterozoic 99(1-2) 65-90
ground water
South Africa, metal ores 79(1-2) 141-169
growth faults
Western Australia 88(1-4) 25-52
metal ores 98(3-4) 243-270
Grunehogna Craton
orogeny 75(3-4) 231-250
Grypania spiralis
algae 61(3-4) 241-278
problematic fossils 72(3-4) 171-184
Guapore Brazil *see* Rondonia Brazil
Guapore Terrane
tectonophysics 69(1-4) 199-227
Guaxupe Nappe
geochemistry 77(1-2) 23-40
Guiana Massif *see* Guyana Shield
Guichicovi Complex
Proterozoic 96(3-4) 245-262
guidebook
Precambrian 70(1-2) 168
Gujarat India
geochemistry 87(1-2) 75-85
Gundi Sandstone
volcanism 94(3-4) 225-250
Gunflint Iron Formation
96(1-2) 63-82
geochemistry 52(3-4) 347-380; 54(2-4) 131-151; 59(3-4) 283-313
Gunflintia
paleobotany 81(3-4) 197-221
Guyana
plate tectonics 69(1-4) 169-191

Guyana Shield
structural geology 92(2) 165-194
tectonics 85(1-2) 1-25
tectonophysics 69(1-4) 199-227
H *see* hydrogen
hafnium
Montana, Archean 91(3-4) 295-307
Norway, intrusions 53(3-4) 233-242
Ontario, petrology 78(1-3) 53-63
Wyoming, Archean 91(3-4) 295-307
Hainan China
sedimentary petrology 56(3-4) 275-290
half grabens
Canadian Shield, faults 68(3-4) 201-230
Hall Peninsula
Archean 93(1) 5-26
structural geology 93(1) 27-49
Halland Sweden
structural geology 98(1-2) 151-171
Halmstad Sweden
structural geology 98(3-4) 173-195
halogens *see* bromine; chlorine; fluorine
halokinesis *see* salt tectonics
Hamersley Basin
Archean 65(1-4) 297-317; 72(3-4) 247-261
geochemistry 54(2-4) 211-229
Proterozoic 99(1-2) 33-64
stratigraphy 69(1-4) 133-155
structural geology 60(1-4) 185-241
Hamersley Group
69(1-4) 133-155; 79(1-2) 3-24; 79(1-2) 25-35; 97(3-4) 269-302
metal ores 58(1-4) 345-354
sedimentary petrology 60(1-4) 287-335; 60(1-4) 337-359
sedimentation 60(1-4) 243-286
Hamersley Range Megasequence
metal ores 58(1-4) 55-70
Hanson Lake Block
tectonics 90(1-2) 85-101
Harare greenstone belt
structural geology 55(1-4) 571-587
Harohalli India
stratigraphy 69(1-4) 157-167
tectonophysics 80(1-2) 77-87
Harp Swarm
petrology 68(3-4) 357-374
Harris
geochronology 91(3-4) 401-418
Harts Range
geochronology 71(1-4) 207-227
metamorphism 71(1-4) 183-205
Proterozoic 71(1-4) 315-346
Harverson Granite
Proterozoic 71(1-4) 69-89
harzburgite
Greenland, geochemistry 94(1-2) 101-120
orogeny 55(1-4) 507-524
Hastings Group
orogeny 86(3-4) 117-154
Haute-Comoe Ivory Coast
petrology 80(3-4) 173-191
tectonophysics 65(1-4) 207-229
Hearne Province
Archean 81(3-4) 265-297
geochronology 61(1-2) 27-50; 68(1-2) 1-21; 95(3-4) 187-223
petrology 77(1-2) 59-89
heat flow *see also* geothermal gradient
70(1-2) 165-166; 91(1-2) 143-179
Antarctica, foliation 65(1-4) 277-295
Canadian Shield, petrology 97(1-2) 27-42
Europe 64(1-4) 53-65
Northern Territory Australia, stratigraphy 72(1-2) 1-41
Norway
geochemistry 82(3-4) 287-309
petrology 53(3-4) 305, 97-113
Oman, petroleum 54(1) 15-36
Queensland Australia, stratigraphy 72(1-2) 1-41
Sweden, geochemistry 82(3-4) 287-309
Heavitree Quartzite
geochronology 71(1-4) 229-250
heavy minerals
Manitoba, geochemistry 92(1) 37-64
paleontology 56(1-2) 159-166
Saskatchewan, geochemistry 92(1) 37-64
Hebei China *see also* Hutuo Group; Taihang Mountains
paleobotany, Yanshan Range 57(1-2) 135-163
stratigraphy, Jixian China 52(1-2) 167-178
Hebridean *see* Lewisian
Hebrides *see* Outer Hebrides
Heimefrontfjella
Mesozoic 75(3-4) 251-262
hematite
India, stratigraphy 79(3-4) 307-325; 80(3-4) 193-204
Northwest Territories
stratigraphy 68(1-2) 115-137
tectonics 52(1-2) 1-35
Western Australia, Proterozoic 99(1-2) 33-64
Yukon Territory
tectonics 52(1-2) 1-35
tectonophysics 69(1-4) 95-112
Zimbabwe
paleomagnetism 69(1-4) 269-280
stratigraphy 77(3-4) 161-178
Hemlo Deposit
geochemistry 52(1-2) 53-69
Hemlo-Heron Bay greenstone belt
geochemistry 52(1-2) 53-69
Henan China *see* Luoquan Formation
Henan Sheng China *see* Henan China
Henik Group
petrology 77(1-2) 59-89
Hercynian Orogeny
Algeria, tectonophysics 69(1-4) 307-326
Romania, orogeny 80(3-4) 281-301
Spain, structural geology 56(1-2) 113-137
Hercynides *see* Variscides
Heron Bay Group
geochemistry 52(1-2) 53-69
Hesperian Massif
petrology 53(3-4) 267-279
heterochrony *see* diachronism
Hf *see* hafnium
Hidalgo Mexico
metamorphism 94(1-2) 73-99
high mu *see* HIMU
high stands *see* highstands
high-angle faults
Ethiopia 62(3) 307-322
Mozambique 62(3) 307-322
New South Wales Australia, geochronology 71(1-4) 251-263
Western Australia, metal ores 98(3-4) 243-270
high-grade metamorphism
55(1-4) 47-49
Africa 93(4) 299-337
Antarctic Ocean, structural geology 75(3-4) 189-207
Antarctica 63(1-2) 1-26; 93(2-3) 235-258
tectonics 75(3-4) 121-139; 86(1-2) 1-19
Arabian Peninsula 86(1-2) 45-58
Australia 66(1-4) 309-323; 81(1-2) 37-66
Brazil 68(3-4) 241-255; 93(2-3) 153-180
geochemistry 77(1-2) 23-40
structural geology 59(1-2) 125-143
Cameroon 62(3) 191-205
Archean 67(3-4) 321-347
Canadian Shield, plate tectonics 63(3-4) 325-347
China, tectonics 78(1-3) 95-103
Ethiopia 80(3-4) 261-279
structural geology 77(3-4) 179-210
Finland 59(3-4) 171-205
Greenland, Archean 62(3) 239-270
India
geochemistry 98(1-2) 129-150
stratigraphy 76(1-2) 31-46
tectonophysics 99(3-4) 149-169
Labrador 93(4) 281-297
orogeny 80(3-4) 239-260
structural geology 81(1-2) 101-128
Manitoba, geochronology 68(1-2) 1-21
Mexico, Proterozoic 96(3-4) 245-262
Namibia 92(4) 341-363

New Hampshire 55(1-4) 209-241
New South Wales Australia
geochronology 71(1-4) 251-263
metal ores 90(3-4) 203-238
New York, Proterozoic 96(3-4) 245-262
Newfoundland 93(4) 281-297
orogeny 80(3-4) 239-260
structural geology 81(1-2) 101-128
Northern Territory Australia, Proterozoic 71(1-4) 91-105; 71(1-4) 155-181
Norway 52(1-2) 97-113
Proterozoic 64(1-4) 389-402
Ontario, geochemistry 82(3-4) 265-285; 92(4) 365-387
Quebec, deformation 92(2) 145-164
Red Sea region 86(1-2) 45-58
Russian Federation 62(4) 473-491; 62(4) 493-505; 62(4) 507-525
Saskatchewan, geochronology 61(1-2) 27-50; 95(3-4) 187-223
Scotland, Archean 62(3) 239-270
South Africa 55(1-4) 201-207; 55(1-4) 321-325; 87(1-2) 87-115
geochronology 95(3-4) 225-243
structural geology 55(1-4) 7-16; 55(1-4) 539-552
tectonics 55(1-4) 111-122; 55(1-4) 169-172
South Australia, Proterozoic 71(1-4) 155-181
Sri Lanka 66(1-4) 1-409; 66(1-4) 3-18
geochronology 66(1-4) 95-110; 66(1-4) 111-121; 66(1-4) 123-149
Proterozoic 66(1-4) 151-181
structural geology 66(1-4) 21-37; 66(1-4) 59-76
Uruguay 93(2-3) 153-180
Western Australia 68(3-4) 307-321; 83(1-3) 203-219
geochronology 95(3-4) 225-243
Zimbabwe 55(1-4) 201-207; 55(1-4) 321-325; 87(1-2) 87-115
structural geology 55(1-4) 7-16; 55(1-4) 539-552
tectonics 55(1-4) 169-172
Highland Complex
geochemistry 66(1-4) 183-198; 66(1-4) 223-244; 66(1-4) 325-349
geochronology 66(1-4) 95-110; 66(1-4) 111-121; 66(1-4) 123-149
petrology 66(1-4) 3-18; 66(1-4) 245-263; 66(1-4) 295-308; 66(1-4) 351-377
phase equilibria 66(1-4) 265-294
plate tectonics 66(1-4) 77-91; 70(3-4) 269-280
Proterozoic 66(1-4) 151-181
structural geology 66(1-4) 21-37; 66(1-4) 39-57; 66(1-4) 59-76
highstands
Scandinavia, stratigraphy 97(3-4) 253-267
South Africa, stratigraphy 97(3-4) 215-251
Hillgrove Plutonic Suite
geochronology 71(1-4) 251-263
Himalayas *see also* India
Archean 56(3-4) 191-210
base metals, Lesser Himalayas 99(3-4) 171-178
Proterozoic, Garhwal Himalayas 56(3-4) 291-318
stratigraphy 59(3-4) 325-327
Lesser Himalayas 97(1-2) 99-113
structural geology 55(1-4) 571-587
tectonics 74(1-2) 35-55
volcanism
Kumaun Himalayas 87(3-4) 217-231
Lesser Himalayas 87(3-4) 217-231
HIMU
Canadian Shield, geochemistry 94(3-4) 139-173
Hindu Kush
petrology 98(3-4) 223-241
Hirvaskoski shear zone
plate tectonics 64(1-4) 207-223
Hogenakal carbonatite complex
petrology 65(1-4) 167-181
Holenarispur India
structural geology 63(1-2) 43-58
Homrit Waggat Complex
geochemistry 82(3-4) 211-236
Honan China *see* Henan China
Honkajarvi Group
stratigraphy 64(1-4) 253-271
Honkala Formation
stratigraphy 64(1-4) 253-271
Hooggenoeg Formation
Archean 54(2-4) 271-293
lava 78(1-3) 125-138
Hook Massif
geochronology 63(3-4) 189-209
Hopei China *see* Hebei China
Hormuz Formation
geochemistry 63(3-4) 225-246
Hormuz Series
energy sources 54(1) 1-14
hornblende
Brazil, petrology 93(2-3) 153-180
Ghana, foliation 82(1-2) 153-171
India, geochronology 94(3-4) 251-271
magmas 51(1-4) 1-25
Namibia, faults 90(1-2) 1-28
Northern Territory Australia, geochronology 71(1-4) 207-227
Norway, geochronology 57(3-4) 195-206; 90(3-4) 159-185
Scotland, geochronology 91(3-4) 401-418
South Africa
faults 90(1-2) 1-28
plate tectonics 86(1-2) 71-92
Sweden, Proterozoic 79(3-4) 239-259; 92(4) 319-339
Texas, petrology 94(1-2) 49-72
Togo, foliation 82(1-2) 153-171
Uruguay, petrology 93(2-3) 153-180
Western Australia
geochemistry 96(1-2) 41-62
petrology 83(4) 221-242
tectonics 88(1-4) 109-142
Hornby Lake greenstone belt
Archean 92(3) 277-295
hornfels
Finland 51(1-4) 193-225
Labrador 51(1-4) 193-225
Newfoundland 51(1-4) 193-225
Northern Territory Australia, metal ores 78(4) 211-235
hornstone *see* chert
Horred Formation
tectonophysics 92(3) 297-315
Horred Sweden
structural geology 70(3-4) 235-251
horsts
Venezuela, tectonics 85(1-2) 1-25
hot spots
Archean 97(3-4) 143-154
India, structural geology 91(1-2) 15-39
tectonophysics 91(1-2) 5-13
Western Australia, structural geology 91(1-2) 15-39
Hough Lake Group
metal ores 58(1-4) 99-119
Hournaisenvouma Deposit
lead ores 81(1-2) 83-99
Hout River shear zone
intrusions 55(1-4) 81-92
structural geology 55(1-4) 51-67
tectonics 55(1-4) 69-80; 55(1-4) 169-172
Huaibei Group
Cambrian 57(3-4) 243-323
Huainan China
paleobotany 65(1-4) 95-114
Huainan Group
Cambrian 57(3-4) 243-323
Huanan Block
geochronology 97(1-2) 43-57
plate tectonics 76(1-2) 67-76; 81(1-2) 129-144
Hubei China *see* Yangtze Three Gorges
Hudson Highlands
geochronology 99(1-2) 113-146
Hudson Strait
structural geology 93(1) 27-49
Hudsonian Orogeny *see also* Wyoming Province
California, geochemistry 91(1-2) 109-142
Canada, tectonics 90(1-2) 85-101

Canadian Shield, plate tectonics 63(3-4) 211-223
Manitoba 68(1-2) 1-21
geochemistry 92(1) 37-64
structural geology 72(1-2) 147-167; 80(1-2) 107-124
Northwest Territories, structural geology 93(1) 27-49
Quebec, structural geology 93(1) 27-49
Saskatchewan 95(3-4) 187-223
geochemistry 92(1) 37-64
magmas 70(1-2) 145-164
structural geology 72(1-2) 147-167
tectonophysics 69(1-4) 11-24
Huiznopala Gneiss
metamorphism 94(1-2) 73-99
hummocky cross-stratification
India, Proterozoic 84(1-2) 63-81
Hunan China
sedimentary structures 59(3-4) 315-323
Hupei China *see* Hubei China
Huqf Group
petroleum 54(1) 15-36
Hureb Formation
structural geology 57(3-4) 169-194
Huronian *see also* Gowganda Formation
Ontario 58(1-4) 99-119; 61(3-4) 279-293; 84(1-2) 17-36; 91(3-4) 287-294; 93(1) 51-70
South Africa 61(3-4) 279-293
United States 58(1-4) 99-119
Huroniospora
paleobotany 81(3-4) 197-221
Hurwitz Group 81(3-4) 265-297
Hutuo Group
intrusions 56(1-2) 1-31
paleobotany 57(1-2) 135-163
hyaloclastite
South Africa 79(1-2) 101-123
hydrocarbons *see also* aliphatic hydrocarbons; saturated hydrocarbons; steranes
Australia, Cambrian 100(1-3) 235-280
hydrogen
D/H, Saskatchewan 70(1-2) 145-164
Labrador, geochemistry 77(1-2) 131-141
Newfoundland, geochemistry 77(1-2) 131-141
South Australia, Proterozoic 74(3) 119-175
hydrogeology *see* ground water
hydrophobicity
Western Australia, Invertebrata 96(1-2) 25-39
hydrosphere
tectonophysics 91(1-2) 5-13
hydrothermal alteration
Antarctica, structural geology 75(3-4) 209-229
Canada, metal ores 58(1-4) 355-386
Gabon, gold ores 77(3-4) 143-159
Ghana, gold ores 89(3-4) 129-143
Greenland, geochemistry 82(3-4) 177-189
India, metal ores 58(1-4) 71-83
metal ores 58(1-4) 387-400
Ontario, geochemistry 74(1-2) 73-89
South Africa, geochemistry 74(1-2) 1-33
South Australia, metal ores 79(3-4) 281-305
Sweden, iron ores 54(2-4) 109-130
United States, metal ores 58(1-4) 355-386
Western Australia
geochemistry 80(1-2) 49-76
stratigraphy 60(1-4) 47-67
hydrothermal plumes *see* plumes
hydroxides *see* oxyhydroxides
hypabyssal rocks
Finland 70(1-2) 45-65
Ontario, geochemistry 54(2-4) 173-194
hypergene processes *see* supergene processes
hysteresis
Brazil, petrology 87(1-2) 19-32
Europe, paleomagnetism 69(1-4) 25-50
Venezuela, tectonics 85(1-2) 1-25
I-type granites
Antarctica, tectonics 86(1-2) 1-19
Australia 81(1-2) 37-66
Brazil 80(3-4) 217-238
structural geology 99(1-2) 1-32
Europe, geochemistry 62(1-2) 103-125
Seychelles, tectonophysics 69(1-4) 281-292
South Africa, tectonophysics 97(3-4) 303-323
Sri Lanka, geochronology 66(1-4) 95-110
Western Australia, geochemistry 83(1-3) 133-183
Iapetus
South Africa, tectonophysics 97(3-4) 303-323
Iberian Mountains
structural geology 56(1-2) 113-137
Iberian Peninsula *see* Ossa-Morena Zone; Spain
ice
China, sedimentary structures 59(3-4) 315-323
icelandite
Arizona, petrology 65(1-4) 255-276
ichnofossils *see also* lebensspuren
Africa, stratigraphy 73(1-4) 137-151
Canada, Cambrian 73(1-4) 51-70
Namibia, Cambrian 73(1-4) 51-70
Rocky Mountains, algae 61(3-4) 241-278
Russian Federation, stratigraphy 73(1-4) 251-270
South Australia, Cambrian 73(1-4) 51-70
Ida Fault
folds 83(1-3) 43-56
structural geology 83(1-3) 11-42
Idala Tonalite
structural geology 70(3-4) 235-251
Idefjorden Terrane
plate tectonics 92(1) 1-20
tectonophysics 92(3) 297-315
igneous rocks *see also* dike swarms; dikes; intrusions; plutonic rocks; plutons
78(1-3) 1-196
A-type granites
Brazil 80(3-4) 217-238; 95(1-2) 9-39
Burundi 68(3-4) 323-356
China 80(1-2) 23-48
Colorado 98(3-4) 271-305
Egypt 82(3-4) 211-236
Europe 95(1-2) 129-146
Greenland 72(3-4) 301-315
Israel 92(2) 195-213
New York 57(1-2) 1-19
Ontario 53(3-4) 199-231
Russian Federation 92(3) 223-250
Seychelles 69(1-4) 281-292
South Africa 97(3-4) 303-323
Sweden 95(1-2) 147-166
adamellite
Finland 95(1-2) 89-107
Northern Territory Australia 71(1-4) 155-181
South Australia 71(1-4) 155-181
alkali granites
Brazil 51(1-4) 283-314; 51(1-4) 351-374
Missouri 51(1-4) 245-263
alkali syenites, Brazil 51(1-4) 283-314
andesites
Africa 67(3-4) 243-276; 67(3-4) 277-320
Arizona 65(1-4) 255-276
India 76(1-2) 77-91; 84(1-2) 105-111
Kenya 69(1-4) 113-131
Mali 65(1-4) 55-69
Morocco 53(1-2) 79-97
Ontario 68(1-2) 23-42
South Africa 79(1-2) 101-123
Sweden 64(1-4) 239-252; 72(3-4) 199-225
Uruguay 74(3) 177-194
Western Australia 52(3-4) 245-273; 79(1-2) 3-24; 98(3-4) 243-270
anorthosite 51(1-4) 173-192
Bolivia 94(1-2) 73-99
California 70(1-2) 1-24
Canada 86(3-4) 117-154
Chile 94(1-2) 73-99
Finland 51(1-4) 227-243; 64(1-4) 273-288; 95(1-2) 89-107
India 66(1-4) 393-409
Labrador 70(3-4) 169-190

Mexico 94(1-2) 73-99
Newfoundland 70(3-4) 169-190
Quebec 79(3-4) 327-346
Russian Federation 64(1-4) 273-288
South Africa 78(1-3) 139-150
Texas 94(1-2) 73-99
aplite
Labrador 80(3-4) 239-260
Missouri 95(1-2) 69-88
Newfoundland 80(3-4) 239-260
Ontario 53(3-4) 199-231
Proterozoic 51(1-4) 337-350
Western Australia 59(1-2) 95-123
basalts
Africa 67(3-4) 243-276
India 67(3-4) 181-206
Ivory Coast 65(1-4) 207-229
Kenya 69(1-4) 113-131
Missouri 95(1-2) 69-88
Ontario 74(1-2) 73-89; 76(3-4) 119-153
orogeny 55(1-4) 507-524
Russian Federation 93(2-3) 201-213
South Africa 54(2-4) 231-256; 57(1-2) 91-119; 91(1-2) 65-90
Sweden 64(1-4) 239-252
Western Australia 52(3-4) 245-273; 54(2-4) 231-256; 60(1-4) 185-241; 88(1-4) 109-142; 97(3-4) 155-164
Zimbabwe 97(3-4) 155-164
Belarus, tectonophysics 68(3-4) 231-240
biotite granite
Canadian Shield 67(3-4) 207-241
Egypt 82(3-4) 211-236
Missouri 51(1-4) 245-263
Sweden 95(1-2) 109-127
boninite
Canadian Shield 97(1-2) 27-42
Central African Republic 68(1-2) 97-113
Ethiopia 80(3-4) 261-279
carbonatites
Algeria 65(1-4) 155-166
India 65(1-4) 167-181
charnockite 51(1-4) 173-192; 55(1-4) 399-405
Africa 93(4) 299-337
Antarctica 63(3-4) 273-291; 86(1-2) 1-19
Appalachians 99(1-2) 113-146
Australia 81(1-2) 37-66
Bolivia 94(1-2) 73-99
Brazil 51(1-4) 351-374; 77(1-2) 23-40; 87(1-2) 19-32
Cameroon 67(3-4) 321-347
Canadian Shield 68(3-4) 291-306
Chile 94(1-2) 73-99
Greenland 62(3) 239-270; 91(3-4) 365-381
India 55(1-4) 469-489; 66(1-4) 379-392; 66(1-4) 393-409; 70(3-4) 269-280
Ivory Coast 86(3-4) 177-199
Labrador 70(3-4) 169-190
Mexico 94(1-2) 73-99
New York 57(1-2) 1-19
Newfoundland 70(3-4) 169-190
Nigeria 87(1-2) 65-74
Norway 64(1-4) 347-360
Quebec 79(3-4) 327-346
Russian Federation 62(4) 473-491; 89(1-2) 1-23
Scotland 62(3) 239-270
South Africa 55(1-4) 429-449; 62(1-2) 83-101; 96(3-4) 263-288
Sri Lanka 66(1-4) 77-91; 66(1-4) 95-110; 66(1-4) 183-198; 66(1-4) 379-392; 70(3-4) 269-280
Sweden 64(1-4) 347-360; 64(1-4) 361-388; 79(3-4) 239-259; 98(3-4) 173-195
Texas 94(1-2) 73-99
Virginia 84(1-2) 37-62
Western Australia 78(1-3) 179-196
Zimbabwe 55(1-4) 407-427; 55(1-4) 429-449
comendite
Jordan 56(1-2) 51-72
Missouri 51(1-4) 245-263
dacites
Ethiopia 80(3-4) 261-279
India 76(1-2) 77-91
Ivory Coast 65(1-4) 207-229
Mali 65(1-4) 55-69
New Jersey 51(1-4) 115-125
Sweden 64(1-4) 239-252
Western Australia 83(1-3) 83-107
diabase
Antarctica 63(3-4) 273-291
Finland 51(1-4) 227-243
India 69(1-4) 157-167; 84(3-4) 181-196
Ivory Coast 65(1-4) 207-229
Ontario 52(3-4) 347-380
Queensland Australia 69(1-4) 241-258
South Africa 79(1-2) 171-194
Sweden 79(3-4) 227-237
diorites
Brazil 80(3-4) 217-238
Canadian Shield 63(3-4) 211-223
Europe 69(1-4) 25-50
Labrador 70(3-4) 169-190; 99(1-2) 65-90
Newfoundland 70(3-4) 169-190; 99(1-2) 65-90
enderbite
Africa 93(4) 299-337
Antarctica 75(3-4) 157-174
Brazil 77(1-2) 23-40
India 83(4) 267-290
Russian Federation 62(4) 473-491
South Africa 55(1-4) 429-449; 55(1-4) 451-467
Virginia 84(1-2) 37-62
Zimbabwe 55(1-4) 407-427; 55(1-4) 429-449; 55(1-4) 451-467
Estonia, tectonophysics 68(3-4) 231-240
ferrodiorite, Finland 95(1-2) 89-107
flood basalts
Appalachians 97(1-2) 115-134
Australia 100(1-3) 213-234
India 87(3-4) 217-231
Pakistan 87(3-4) 217-231
Russian Federation 75(1-2) 31-46
Western Australia 97(3-4) 165-189
gabbros
Africa 67(3-4) 243-276
Arctic Ocean 64(1-4) 131-152
Australia 55(1-4) 491-506
Brazil 80(3-4) 217-238
Canadian Shield 68(3-4) 291-306
China 80(1-2) 23-48
Europe 62(1-2) 103-125; 69(1-4) 25-50
Finland 74(4) 245-252
Greenland 94(1-2) 101-120
India 84(3-4) 181-196
Labrador 99(1-2) 65-90
Mauritania 90(3-4) 107-117
Newfoundland 99(1-2) 65-90
Norway 53(3-4) 233-242; 64(1-4) 403-417
Ontario 51(1-4) 27-50
Russian Federation 74(4) 245-252; 92(3) 223-250
Sweden 82(1-2) 1-12; 95(1-2) 109-127
granites 51(1-4) 1-468; 51(1-4) 161-172
Africa 78(1-3) 105-124; 96(1-2) 141-142
Arctic Ocean 64(1-4) 131-152
Arctic region 70(3-4) 215-234
Arizona 67(3-4) 349-356
Brazil 52(3-4) 321-335; 53(1-2) 1-22; 63(3-4) 179-188; 68(1-2) 139-167; 78(1-3) 151-164; 81(3-4) 299-310; 84(3-4) 139-162
Canada 83(1-3) 1-10; 93(1) 5-26
Canadian Shield 99(3-4) 197-224
China 62(1-2) 171-190; 78(1-3) 79-94; 93(2-3) 181-199; 97(1-2) 43-57
Egypt 80(1-2) 1-22
Ethiopia 77(3-4) 179-210
Europe 74(1-2) 57-72
Finland 64(1-4) 295-309
France 51(1-4) 393-427
French Guiana 92(2) 165-194
Gabon 77(3-4) 143-159
Ghana 56(1-2) 89-96; 56(1-2) 97-111; 89(3-4) 129-143
Greenland 81(1-2) 67-82; 93(1) 5-26
India 59(1-2) 145-170; 62(1-2) 127-137; 68(1-2) 169-173; 68(1-2) 175-178; 78(4) 261-272; 80(3-4) 205-216; 82(3-4) 349-350; 99(3-4) 225-254
Ivory Coast 80(3-4) 173-191; 87(1-2) 33-63

Labrador 78(4) 303; 81(1-2) 67-82
Malawi 62(3) 207-226; 85(1-2) 27-51
Manitoba 80(1-2) 107-124
Montana 55(1-4) 155-168
Namibia 92(4) 341-363
New Mexico 67(3-4) 349-356
Newfoundland 78(4) 303; 81(1-2) 67-82
Niger 67(1-2) 59-88; 70(3-4) 281-301
Northern Territory Australia 65(1-4) 71-94; 71(1-4) 17-43; 71(1-4) 265-299; 72(1-2) 43-67; 94(3-4) 225-250
Northwest Territories 58(1-4) 1-24
Norway 92(3) 297-315
Ontario 72(3-4) 263-281; 78(1-3) 53-63; 81(3-4) 223-239; 92(4) 365-387
Quebec 72(3-4) 263-281
Queensland Australia 94(3-4) 225-250
Russian Federation 54(2-4) 195-210; 58(1-4) 121-141; 62(4) 431-451; 62(4) 453-472; 62(4) 493-505; 91(3-4) 333-363
Saskatchewan 61(1-2) 27-50
South Africa 55(1-4) 1-5; 55(1-4) 69-80; 55(1-4) 93-110; 55(1-4) 111-122; 55(1-4) 169-172; 55(1-4) 173-186; 55(1-4) 553-570; 91(1-2) 65-90
South Australia 79(3-4) 371-394
Spain 56(1-2) 113-137
Spitsbergen 70(3-4) 215-234
Sri Lanka 66(1-4) 3-18; 66(1-4) 21-37; 66(1-4) 123-149
Sudan 53(1-2) 99-118
Sweden 52(3-4) 187-214; 64(1-4) 67-84; 64(1-4) 225-238; 64(1-4) 319-335; 69(1-4) 61-79; 72(3-4) 199-225; 75(1-2) 17-29; 77(1-2) 91-103; 79(3-4) 227-237; 92(3) 297-315; 93(1) 105-117; 96(3-4) 225-243
Tanzania 62(3) 207-226; 77(1-2) 105-115; 93(1) 119-137
tectonophysics 91(1-2) 143-179
United States 65(1-4) 71-94
Virginia 59(1-2) 33-42
Western Australia 54(2-4) 211-229; 60(1-4) 151-174; 62(3) 343-365; 68(1-2) 43-64; 75(1-2) 47-63; 80(1-2) 89-105; 83(1-3) 1-10; 83(1-3) 1-219; 83(1-3) 43-56; 83(1-3) 57-81; 83(1-3) 109-132; 83(1-3) 185-201; 85(3-4) 147-171; 88(1-4) 83-108; 88(1-4) 109-142; 88(1-4) 143-171; 88(1-4) 233-247; 91(1-2) 181-227; 94(1-2) 11-28; 95(3-4) 275, 277-302; 96(1-2) 125-139; 97(3-4) 165-189
Wyoming 55(1-4) 155-168; 89(3-4) 145-173
Zambia 63(3-4) 189-209
Zimbabwe 55(1-4) 1-5; 55(1-4) 69-80; 55(1-4) 169-172; 55(1-4) 173-186; 55(1-4) 259-277; 55(1-4) 553-570; 91(3-4) 269-285
granodiorites
Brazil 51(1-4) 351-374; 82(1-2) 35-62; 93(2-3) 153-180
California 91(1-2) 109-142
Canadian Shield 65(1-4) 115-153; 67(3-4) 207-241; 76(3-4) 155-190; 96(1-2) 83-99
Egypt 82(3-4) 211-236
Ethiopia 76(1-2) 3-14
Europe 51(1-4) 127-149
Ivory Coast 65(1-4) 207-229
Ontario 51(1-4) 27-50; 82(3-4) 265-285
Quebec 63(1-2) 59-81; 68(3-4) 183-200
Romania 80(3-4) 281-301
Seychelles 69(1-4) 281-292
South Africa 75(1-2) 1-15
Uruguay 93(2-3) 153-180
Western Australia 51(1-4) 51-83; 83(1-3) 133-183; 96(1-2) 41-62
granophyre, Missouri 51(1-4) 245-263
harzburgite
Greenland 94(1-2) 101-120
orogeny 55(1-4) 507-524
hyaloclastite, South Africa 79(1-2) 101-123
hypabyssal rocks
Finland 70(1-2) 45-65
Ontario 54(2-4) 173-194
I-type granites
Antarctica 86(1-2) 1-19
Australia 81(1-2) 37-66
Brazil 80(3-4) 217-238; 99(1-2) 1-32
Europe 62(1-2) 103-125
Seychelles 69(1-4) 281-292
South Africa 97(3-4) 303-323
Sri Lanka 66(1-4) 95-110
Western Australia 83(1-3) 133-183
ignimbrite, Missouri 51(1-4) 245-263
jotunite
California 70(1-2) 1-24
Virginia 84(1-2) 37-62
kimberlite
India 62(3) 227-237; 69(1-4) 259-267; 79(3-4) 363-369
South Africa 69(1-4) 193-197
komatiite
Africa 67(3-4) 277-320
Canadian Shield 89(1-2) 59-76; 94(3-4) 139-173; 97(1-2) 27-42
Greenland 82(3-4) 177-189
India 65(1-4) 1-23
Ontario 65(1-4) 183-205; 68(1-2) 23-42; 93(4) 257-279
Papua New Guinea 65(1-4) 183-205
South Africa 57(1-2) 91-119; 78(1-3) 125-138; 91(1-2) 65-90
Western Australia 91(1-2) 181-227
lamproite, India 62(3) 227-237; 69(1-4) 259-267; 79(3-4) 363-369
lamprophyres
Ontario 76(3-4) 191-211
Western Australia 51(1-4) 51-83; 51(1-4) 85-113; 52(3-4) 245-273
leucogranite
Europe 62(1-2) 103-125
Northern Territory Australia 71(1-4) 69-89
Saskatchewan 95(3-4) 187-223
South Africa 70(3-4) 303-335
mangerite 51(1-4) 173-192
Brazil 51(1-4) 351-374; 87(1-2) 19-32
Quebec 79(3-4) 327-346
mid-ocean ridge basalts
Benin 82(3-4) 191-209
Canadian Shield 92(2) 89-116; 94(3-4) 139-173; 99(3-4) 197-224
China 81(1-2) 129-144
Finland 59(3-4) 171-205; 82(1-2) 13-34
India 76(1-2) 77-91; 84(1-2) 105-111
Morocco 62(3) 367-371
Nebraska 76(1-2) 47-65
Northern Territory Australia 65(1-4) 71-94
Norway 82(3-4) 287-309
Russian Federation 82(1-2) 133-151
South Africa 97(3-4) 303-323
Sweden 82(3-4) 287-309
United States 65(1-4) 71-94
Western Australia 83(1-3) 83-107
monzodiorite
Brazil 51(1-4) 351-374
California 91(1-2) 109-142
Canadian Shield 67(3-4) 207-241; 96(1-2) 83-99
Ontario 68(1-2) 23-42
Quebec 68(3-4) 183-200
Saskatchewan 70(1-2) 145-164
South Australia 79(3-4) 371-394
monzogranite
Ontario 82(3-4) 265-285
Proterozoic 51(1-4) 337-350
Western Australia 51(1-4) 375-391; 61(1-2) 1-26; 78(1-3) 165-178; 78(4) 237-260; 83(1-3) 11-42; 83(1-3) 133-183; 91(3-4) 309-332; 96(1-2) 41-62
monzonites
Australia 81(1-2) 37-66
Canada 93(1) 5-26
Canadian Shield 76(3-4) 155-190
Greenland 93(1) 5-26
India 99(1-2) 91-111
Labrador 51(1-4) 315-336
Newfoundland 51(1-4) 315-336
Saskatchewan 70(1-2) 145-164
Sweden 94(1-2) 29-48
muscovite granite, Canadian Shield 67(3-4) 207-241
norite

Finland 95(1-2) 89-107
Labrador 82(1-2) 63-84
Newfoundland 82(1-2) 63-84
Northern Territory Australia 56(3-4) 227-253
ocean-island basalts
India 76(1-2) 77-91
Uruguay 74(3) 177-194
olivine basalt, Arizona 65(1-4) 255-276
picrite
India 65(1-4) 1-23
Ontario 93(4) 257-279
Russian Federation 82(1-2) 133-151
plate tectonics 78(4) 299-301
plutonic rocks
Arabian Peninsula 53(1-2) 119-147
Canadian Shield 97(1-2) 77-97
Colorado 63(1-2) 97-122
Labrador 56(1-2) 73-87
Mali 65(1-4) 55-69
Mozambique 62(1-2) 1-59
New Mexico 63(1-2) 97-122
Newfoundland 56(1-2) 73-87
North Carolina 68(1-2) 81-95
Sweden 70(3-4) 235-251
Virginia 68(1-2) 81-95
Western Australia 60(1-4) 117-149
porphyry
Canadian Shield 68(3-4) 201-230
Sweden 72(3-4) 199-225
Western Australia 51(1-4) 85-113
pyroclastics, Appalachians 97(1-2) 115-134
pyroxenite
Africa 67(3-4) 243-276
Canadian Shield 65(1-4) 115-153
India 65(1-4) 167-181
Quebec 52(1-2) 37-51
quartz diorites
Brazil 68(3-4) 241-255
Europe 62(1-2) 103-125; 64(1-4) 169-187
quartz latite, South Australia 79(3-4) 371-394
quartz monzonite
Finland 51(1-4) 193-225
Labrador 51(1-4) 193-225
Newfoundland 51(1-4) 193-225
Saskatchewan 70(1-2) 145-164
quartz syenite
Colorado 85(1-2) 53-79
Labrador 51(1-4) 315-336
Newfoundland 51(1-4) 315-336
Sweden 95(1-2) 109-127
Texas 85(1-2) 53-79
rapakivi 51(1-4) 173-192; 95(1-2) 1-7; 95(1-2) 1-167
Brazil 51(1-4) 283-314; 76(3-4) 213-227; 95(1-2) 9-39; 95(1-2) 41-67
Estonia 79(3-4) 209-226
Europe 51(1-4) 127-149; 95(1-2) 129-146
Finland 51(1-4) 193-225; 51(1-4) 227-243; 51(1-4) 265-281; 64(1-4) 273-288; 95(1-2) 89-107
Labrador 51(1-4) 193-225
Latvia 79(3-4) 209-226
Missouri 51(1-4) 245-263
Newfoundland 51(1-4) 193-225
Russian Federation 64(1-4) 273-288
Sweden 51(1-4) 265-281; 95(1-2) 109-127
Venezuela 85(1-2) 1-25
rhyodacites
Ontario 54(2-4) 173-194
Russian Federation 64(1-4) 189-195
Sweden 64(1-4) 239-252
Western Australia 83(1-3) 83-107
rhyolites
Brazil 52(3-4) 321-335
India 76(1-2) 77-91
Israel 92(2) 195-213
Ivory Coast 80(3-4) 173-191
Kenya 69(1-4) 113-131
Mali 65(1-4) 55-69
Morocco 53(1-2) 79-97
Nova Scotia 56(1-2) 33-49
Ontario 68(1-2) 23-42; 76(3-4) 119-153; 85(1-2) 97-113
Sudan 53(1-2) 99-118
Sweden 64(1-4) 239-252; 77(1-2) 91-103; 82(1-2) 1-12
Western Australia 51(1-4) 51-83; 83(1-3) 83-107; 88(1-4) 109-142; 96(1-2) 41-62
Zambia 63(3-4) 189-209
Zimbabwe 81(3-4) 179-196
S-type granites
China 67(1-2) 37-57
New South Wales Australia 71(1-4) 251-263
Northern Territory Australia 71(1-4) 45-68; 71(1-4) 301-314
South Africa 70(3-4) 303-335; 97(3-4) 303-323
Western Australia 71(1-4) 301-314; 83(1-3) 133-183
shoshonite
Brazil 62(3) 323-342
Ontario 81(3-4) 155-178
South Australia, stratigraphy 100(1-3) 299-312
Sri Lanka 66(1-4) 351-377
Proterozoic 66(1-4) 151-181
syenites
Brazil 87(1-2) 19-32
California 70(1-2) 1-24
Colorado 98(3-4) 271-305
Greenland 69(1-4) 51-60
India 65(1-4) 167-181; 69(1-4) 157-167
Quebec 52(1-2) 37-51; 68(3-4) 183-200; 79(3-4) 327-346
Western Australia 83(1-3) 109-132
syenodiorite, Quebec 68(3-4) 183-200
Tasmania Australia, stratigraphy 100(1-3) 299-312
tholeiite
Arizona 65(1-4) 255-276
Canadian Shield 68(3-4) 291-306; 97(1-2) 27-42
Central African Republic 68(1-2) 97-113
Ethiopia 80(3-4) 261-279
Finland 70(1-2) 45-65
India 65(1-4) 1-23
Israel 92(2) 195-213
Ontario 54(2-4) 173-194; 93(4) 257-279
Quebec 57(3-4) 207-241
Sweden 52(3-4) 187-214; 52(3-4) 215-230; 52(3-4) 231-243
tholeiitic basalt
Canadian Shield 97(1-2) 77-97
India 65(1-4) 1-23
Ontario 65(1-4) 183-205; 68(1-2) 23-42
Papua New Guinea 65(1-4) 183-205
Western Australia 98(3-4) 243-270
tonalite 51(1-4) 1-25
Antarctic Ocean 89(3-4) 175-205
Brazil 63(3-4) 179-188; 82(1-2) 35-62
California 91(1-2) 109-142
Canada 93(1) 5-26
Canadian Shield 65(1-4) 115-153; 76(3-4) 155-190; 99(3-4) 197-224
Ethiopia 76(1-2) 3-14
Europe 51(1-4) 127-149
Greenland 78(1-3) 1-39; 93(1) 5-26
Montana 55(1-4) 155-168
New Jersey 51(1-4) 115-125
Ontario 51(1-4) 27-50; 76(3-4) 191-211; 81(3-4) 223-239
Quebec 63(1-2) 59-81; 68(3-4) 183-200
Romania 80(3-4) 281-301
Russian Federation 62(4) 375-397; 62(4) 493-505
Seychelles 69(1-4) 281-292
South Africa 52(3-4) 301-319; 75(1-2) 1-15; 77(3-4) 243-271
Sweden 75(1-2) 17-29; 77(1-2) 91-103
tectonophysics 91(1-2) 143-179
Western Australia 51(1-4) 51-83; 60(1-4) 151-174; 61(1-2) 1-26; 78(1-3) 165-178; 83(1-3) 83-107; 91(3-4) 309-332
Wyoming 55(1-4) 155-168
trachyandesites, Jordan 56(1-2) 51-72
trachybasalts, Jordan 56(1-2) 51-72
trachytes

Ontario 68(1-2) 23-42
Zimbabwe 81(3-4) 179-196
troctolite, Finland 95(1-2) 89-107
trondhjemite 51(1-4) 1-25
Antarctic Ocean 89(3-4) 175-205
Brazil 82(1-2) 35-62
Canadian Shield 67(3-4) 207-241; 76(3-4) 155-190
Central African Republic 68(1-2) 97-113
Ethiopia 76(1-2) 3-14
India 63(1-2) 43-58; 77(1-2) 17-22
Montana 55(1-4) 155-168
New Jersey 51(1-4) 115-125
Ontario 51(1-4) 27-50
Rocky Mountains 78(1-3) 41-52
Russian Federation 62(4) 493-505
South Africa 75(1-2) 1-15; 77(3-4) 243-271
Western Australia 60(1-4) 151-174; 78(1-3) 165-178; 96(1-2) 41-62
Wyoming 55(1-4) 155-168
tuff
Africa 67(3-4) 243-276; 67(3-4) 277-320
Northwest Territories 77(1-2) 59-89
Ontario 76(3-4) 191-211
South Africa 78(1-3) 125-138; 79(1-2) 73-100
Western Australia 60(1-4) 175-183; 88(1-4) 109-142
two-mica granite
Brazil 51(1-4) 351-374
Colorado 62(1-2) 139-169
ultramafics
Africa 61(1-2) 67-88
Algeria 65(1-4) 155-166
Brazil 58(1-4) 195-214
California 70(1-2) 1-24
China 78(1-3) 79-94
Europe 62(1-2) 103-125
French Guiana 92(2) 165-194
Greenland 78(1-3) 1-39
India 70(1-2) 93-112
South Africa 67(1-2) 159-180
volcanic rocks
Africa 74(4) 203-223
Arctic region 70(3-4) 215-234
Canadian Shield 76(3-4) 155-190
Ethiopia 77(3-4) 179-210
Finland 74(4) 245-252
Ghana 56(1-2) 89-96
India 97(3-4) 269-302
Namibia 63(1-2) 143-162
Newfoundland 73(1-4) 123-136
Northern Territory Australia 71(1-4) 107-129
Norway 92(3) 297-315
Ontario 78(1-3) 53-63; 81(3-4) 223-239
Precambrian 97(3-4) 137-141; 97(3-4) 137-323
Russian Federation 74(4) 245-252
Saskatchewan 95(3-4) 187-223
South Africa 53(3-4) 243-266; 54(2-4) 257-269; 63(1-2) 143-162; 77(3-4) 243-271; 78(4) 273-287; 92(2) 129-144
South Australia 97(3-4) 269-302
Spitsbergen 70(3-4) 215-234
Sweden 69(1-4) 61-79; 81(1-2) 83-99; 92(3) 297-315
Western Australia 60(1-4) 99-116; 68(1-2) 43-64; 88(1-4) 67-82; 90(3-4) 141-158; 97(3-4) 269-302
Western Australia 56(3-4) 227-253

ignimbrite
Missouri 51(1-4) 245-263

Ile de Cayenne Complex
structural geology 92(2) 165-194

illite
South Africa, geochemistry 79(3-4) 195-207

Illogwa shear zone
geochronology 71(1-4) 207-227

ilmenohematite
Zimbabwe, paleomagnetism 69(1-4) 269-280

Imandra Lopolith
petrology 64(1-4) 197-205

Imandra-Varzuga Supergroup
petrology 75(1-2) 31-46

imbricate tectonics
Canadian Shield, Archean 92(3) 277-295
Finland 64(1-4) 295-309
Ghana 82(1-2) 153-171
Greenland 93(1) 71-85
Northwest Territories 93(1) 27-49
Quebec 68(3-4) 183-200; 93(1) 27-49
South Africa 52(1-2) 133-166; 55(1-4) 123-153; 55(1-4) 525-538
metal ores 79(1-2) 141-169
Sri Lanka 66(1-4) 21-37
Sweden 72(3-4) 199-225; 79(3-4) 261-279
Togo 82(1-2) 153-171

In-Ouzzal Block
structural geology 65(1-4) 155-166
inclination, magnetic *see* magnetic inclination

inclusions *see also* fluid inclusions
Canadian Shield, geochemistry 65(1-4) 115-153
India 65(1-4) 1-23
geochemistry 62(1-2) 127-137
mineral inclusions
China 93(2-3) 181-199
India 83(4) 267-290
Labrador 93(4) 281-297
Newfoundland 93(4) 281-297
Sri Lanka 66(1-4) 265-294
Western Australia 83(1-3) 133-183
Missouri 95(1-2) 69-88
Russian Federation 62(4) 507-525
Western Australia, structural geology 88(1-4) 233-247
xenoliths 51(1-4) 161-172
Brazil 51(1-4) 283-314; 87(1-2) 19-32
India 77(1-2) 17-22
Northern Territory Australia 71(1-4) 91-105
orogeny 55(1-4) 507-524
Quebec 52(1-2) 37-51
Russian Federation 62(4) 419-430
South Africa 52(1-2) 115-132; 75(1-2) 1-15; 78(1-3) 139-150
Sri Lanka 66(1-4) 21-37; 66(1-4) 39-57
Western Australia 83(1-3) 133-183

India *see also* Dharwars; Gangpur Series; Indian Shield; Krol Formation; Lesser Himalayas; Peninsular Gneiss; Singhbhum Granite; Tal Formation
Archean
Dharwar Craton 97(3-4) 269-302
Singhbhum shear zone 97(3-4) 269-302
areal geology
Arunachal Pradesh India 97(1-2) 135-136
Karnataka India 78(4) 297-298
Rajasthan India 97(1-2) 135-136
base metals, Rajasthan India 99(3-4) 171-178
deformation, Ajmer India 65(1-4) 319-339
geochemistry 55(1-4) 469-489; 62(1-2) 127-137; 76(1-2) 77-91; 84(1-2) 105-111; 84(3-4) 117-138
Aravalli Range 87(1-2) 75-85
Gujarat India 87(1-2) 75-85
Karnataka India 98(1-2) 53-65
Kerala India 98(1-2) 129-150
Sandur India 61(1-2) 137-164; 72(1-2) 69-95
Singhbhum India 76(1-2) 115-116; 76(1-2) 117-118
Singhbhum shear zone 67(3-4) 181-206
Udaipur India 67(1-2) 11-35
geochronology 77(1-2) 17-22
Chitradurga schist belt 59(1-2) 145-170
Dharwar Craton 59(1-2) 145-170; 68(1-2) 169-173; 68(1-2) 175-178; 80(3-4) 205-216
Eastern Ghats 94(3-4) 251-271
Karnataka India 68(1-2) 169-173; 78(4) 261-272
gold ores 59(3-4) 327-328
inclusions, Rajasthan India 65(1-4) 1-23
intrusions 82(3-4) 349-350
magmas
Closepet Granite 99(3-4) 225-254
Dharwar Craton 99(3-4) 225-254
metal ores

Aravalli Range 61(1-2) 165-168
Orissa India 78(4) 297-298
Singhbhum India 78(4) 297-298
Sirohi India 61(1-2) 165-168
paleobotany, Uttar Pradesh India 74(1-2) 91-117
paleomagnetism 70(1-2) 113-143; 74(4) 225-244
Dharwar Craton 69(1-4) 259-267
petrology 66(1-4) 379-392; 70(1-2) 167-168; 83(4) 267-290
Cuddapah Basin 84(3-4) 181-196
Eastern Ghats 66(1-4) 393-409
Karnataka India 91(1-2) 41-63
Orissa India 66(1-4) 393-409
Tamil Nadu India 65(1-4) 167-181; 91(1-2) 41-63
plate tectonics 70(3-4) 269-280; 82(1-2) 173-175; 85(3-4) 241-242
Precambrian 99(1-2) 147
problematic fossils, Jabalpur India 72(3-4) 171-184
Proterozoic 62(3) 227-237; 84(1-2) 63-81
Anantapur India 79(3-4) 363-369
Cuddapah Basin 79(3-4) 363-369
Dharwar Craton 79(3-4) 363-369
Garhwal Himalayas 56(3-4) 291-318
reefs 56(1-2) 139-157
sedimentary petrology, Dharwar Craton 70(1-2) 93-112
stratigraphy 80(3-4) 193-204
Bangalore India 69(1-4) 157-167
Bundelkhand 79(3-4) 307-325
Cuddapah Basin 92(1) 21-35
Kerala India 76(1-2) 31-46
Son Valley 79(3-4) 307-325
Tamil Nadu India 76(1-2) 31-46
structural geology
Dharwar Craton 91(1-2) 15-39; 99(1-2) 91-111
Karnataka India 63(1-2) 43-58
tectonophysics 82(3-4) 350-351; 99(3-4) 149-169
Dharwar Craton 80(1-2) 77-87
Eastern Ghats 80(1-2) 77-87
Karnataka India 80(1-2) 77-87
volcanism, Uttar Pradesh India 87(3-4) 217-231

Indian Brook Formation
magmas 76(1-2) 93-113

Indian Ocean *see* Arabian Sea

Indian Ocean Islands *see* Seychelles

Indian Peninsula *see also* Afghanistan; India; Indian Shield; Pakistan
geochemistry 66(1-4) 183-198; 66(1-4) 199-220; 66(1-4) 223-244; 66(1-4) 325-349
geochronology 66(1-4) 95-110; 66(1-4) 111-121; 66(1-4) 123-149
petrology 66(1-4) 1-409; 66(1-4) 3-18; 66(1-4) 245-263; 66(1-4) 295-308; 66(1-4) 351-377
phase equilibria 66(1-4) 265-294
plate tectonics 66(1-4) 77-91
Proterozoic 66(1-4) 151-181
structural geology 66(1-4) 21-37; 66(1-4) 39-57; 66(1-4) 59-76

Indian Plate
Far East, structural geology 55(1-4) 571-587
Himalayas, structural geology 55(1-4) 571-587

Indian Shield
geochemistry 67(3-4) 181-206
geochronology 93(2-3) 139-151
tectonophysics 80(1-2) 77-87

Indosinian Orogeny
Australia 85(3-4) 173-199
China 85(3-4) 173-199

infiltration
Antarctic Ocean, metamorphism 89(3-4) 175-205
India, petrology 91(1-2) 41-63
South Africa
geochemistry 79(1-2) 171-194
petrology 55(1-4) 337-352

Ingaldhal Suite
geochronology 80(3-4) 205-216

Ingta Formation
stratigraphy 73(1-4) 101-121
tectonophysics 69(1-4) 95-112

inner transition elements *see* rare earths

intrusions *see also* dike swarms; domes
Africa 67(3-4) 277-320
Antarctica
orogeny 75(3-4) 231-250
structural geology 75(3-4) 209-229
Arctic Ocean, structural geology 64(1-4) 131-152
Arizona 65(1-4) 255-276
batholiths
Brazil 51(1-4) 351-374; 99(1-2) 1-32
Canadian Shield 84(1-2) 83-103
Colorado 62(1-2) 139-169; 98(3-4) 271-305
Estonia 79(3-4) 209-226
Europe 51(1-4) 127-149
Finland 51(1-4) 227-243; 95(1-2) 89-107
India 99(1-2) 91-111; 99(3-4) 225-254
Latvia 79(3-4) 209-226
Niger 67(1-2) 59-88
Ontario 51(1-4) 27-50; 53(3-4) 199-231; 76(3-4) 191-211; 82(3-4) 265-285
Queensland Australia 71(1-4) 131-153
South Australia 79(3-4) 371-394
Swaziland 61(1-2) 89-116
Sweden 51(1-4) 151-159; 95(1-2) 147-166
tectonophysics 91(1-2) 143-179
Venezuela 85(1-2) 1-25
Western Australia 51(1-4) 51-83; 85(3-4) 147-171; 88(1-4) 3-23; 95(3-4) 275, 277-302
Wyoming 89(3-4) 145-173
Zambia 63(3-4) 189-209
Brazil 80(3-4) 217-238
plate tectonics 53(1-2) 23-40; 76(3-4) 213-227
Proterozoic 52(3-4) 321-335
tectonophysics 53(1-2) 1-22
Burundi 68(3-4) 323-356
Canada, metal ores 58(1-4) 355-386
Canadian Shield, metal ores 58(1-4) 25-54
China 56(1-2) 1-31
dikes
Antarctic Ocean 89(3-4) 175-205
Antarctica 63(1-2) 1-26; 63(3-4) 273-291
Arabian Peninsula 86(1-2) 45-58
Canadian Shield 65(1-4) 115-153; 69(1-4) 1-10; 84(1-2) 83-103; 92(2) 89-116
China 62(1-2) 171-190
Europe 51(1-4) 127-149
Finland 51(1-4) 227-243; 74(4) 245-252
Gabon 77(3-4) 143-159
Greenland 68(1-2) 65-79
India 65(1-4) 167-181; 80(1-2) 77-87
Jordan 56(1-2) 51-72
Labrador 63(1-2) 123-142; 75(1-2) 91-118; 78(4) 303; 80(3-4) 239-260; 81(1-2) 101-128
Mali 65(1-4) 55-69
Missouri 95(1-2) 69-88
Newfoundland 63(1-2) 123-142; 75(1-2) 91-118; 78(4) 303; 80(3-4) 239-260; 81(1-2) 101-128
Northern Territory Australia 71(1-4) 69-89
Norway 82(3-4) 287-309
Ontario 53(3-4) 199-231; 89(1-2) 25-45
orogeny 55(1-4) 507-524
Queensland Australia 69(1-4) 241-258
Red Sea region 86(1-2) 45-58
Romania 80(3-4) 281-301
Russian Federation 74(4) 245-252; 92(3) 223-250; 98(3-4) 197-221
South Africa 52(1-2) 133-166; 55(1-4) 33-45; 77(3-4) 243-271
South Australia 87(3-4) 135-159
Sri Lanka 66(1-4) 3-18; 80(1-2) 77-87
Sweden 52(3-4) 187-214; 54(2-4) 109-130; 79(3-4) 227-237; 82(3-4) 287-309; 95(1-2) 109-127; 98(3-4) 173-195

United Kingdom 68(1-2) 65-79
Western Australia 52(3-4) 245-273; 68(1-2) 43-64; 83(1-3) 133-183
Zimbabwe 55(1-4) 33-45; 69(1-4) 269-280
Europe, paleomagnetism 69(1-4) 25-50
Finland, structural geology 64(1-4) 295-309
Greenland, Archean 62(3) 239-270
India 83(4) 267-290
geochronology 59(1-2) 145-170
Proterozoic 62(3) 227-237
laccoliths
Northern Territory Australia 94(3-4) 225-250
Queensland Australia 94(3-4) 225-250
layered intrusions
Brazil 68(3-4) 241-255
Canadian Shield 92(2) 89-116
Finland 74(4) 245-252
Labrador 56(1-2) 73-87; 68(1-2) 179-181
Newfoundland 56(1-2) 73-87; 68(1-2) 179-181
Russian Federation 58(1-4) 121-141; 64(1-4) 197-205; 74(4) 245-252; 75(1-2) 31-46; 92(3) 223-250; 98(3-4) 197-221
South Africa 52(1-2) 115-132; 78(1-3) 139-150
lopoliths, Russian Federation 75(1-2) 31-46
Malawi 85(1-2) 27-51
structural geology 62(3) 207-226
Manitoba, structural geology 72(1-2) 147-167
metal ores 58(1-4) 387-400
New England, structural geology 53(1-2) 41-78
New South Wales Australia
geochronology 71(1-4) 251-263
metal ores 90(3-4) 203-238; 98(1-2) 1-10
Northern Territory Australia
geochronology 71(1-4) 207-227
Proterozoic 71(1-4) 315-346
Norway 52(1-2) 97-113; 53(3-4) 233-242; 53(3-4) 305, 97-113; 64(1-4) 347-360
geochronology 90(3-4) 159-185
Ontario 72(3-4) 263-281
metal ores 58(1-4) 99-119
sedimentary petrology 68(1-2) 23-42
plugs, Queensland Australia 69(1-4) 241-258
plutons 82(3-4) 237-263
Antarctica 86(1-2) 1-19
Arizona 67(3-4) 349-356
Australia 81(1-2) 37-66
Brazil 62(3) 323-342; 84(3-4) 139-162; 87(1-2) 19-32; 95(1-2) 41-67; 99(1-2) 1-32
California 91(1-2) 109-142
Canada 90(1-2) 85-101
Canadian Shield 67(3-4) 207-241; 76(3-4) 155-190; 96(1-2) 83-99; 97(1-2) 77-97
Colorado 62(1-2) 139-169
Egypt 80(1-2) 1-22
Estonia 79(3-4) 209-226
Finland 51(1-4) 193-225
French Guiana 92(2) 165-194
Ghana 89(3-4) 129-143
Greenland 54(2-4) 153-172; 69(1-4) 51-60
India 65(1-4) 319-339; 99(1-2) 91-111
Ivory Coast 65(1-4) 207-229
Labrador 51(1-4) 193-225; 51(1-4) 315-336
Latvia 79(3-4) 209-226
Manitoba 80(1-2) 107-124
Missouri 95(1-2) 69-88
New Mexico 67(3-4) 349-356
Newfoundland 51(1-4) 193-225; 51(1-4) 315-336
Niger 70(3-4) 281-301
North Carolina 68(1-2) 81-95
Northern Territory Australia 94(3-4) 225-250
Ontario 76(3-4) 191-211; 81(3-4) 223-239; 91(3-4) 433-444; 92(4) 365-387
Quebec 52(1-2) 37-51; 68(3-4) 183-200; 79(3-4) 327-346
Queensland Australia 94(3-4) 225-250
Romania 80(3-4) 281-301
Saskatchewan 70(1-2) 145-164
South Africa 62(1-2) 83-101; 75(1-2) 1-15
Swaziland 61(1-2) 89-116
Sweden 54(2-4) 109-130; 72(3-4) 199-225
Venezuela 85(1-2) 1-25
Virginia 68(1-2) 81-95
Western Australia 61(1-2) 1-26; 68(1-2) 43-64; 83(1-3) 43-56; 88(1-4) 173-205
Quebec 52(1-2) 71-96; 72(3-4) 263-281
ring complexes
Greenland 81(1-2) 67-82
Labrador 81(1-2) 67-82
Newfoundland 81(1-2) 67-82
ring dikes, South Africa 75(1-2) 1-15
Russian Federation 54(2-4) 195-210; 62(4) 453-472; 62(4) 493-505
crust 64(1-4) 189-195
tectonophysics 82(1-2) 133-151
Saskatchewan
geochronology 95(3-4) 187-223
structural geology 72(1-2) 147-167
Scotland, Archean 62(3) 239-270
sills
Canadian Shield 63(3-4) 211-223; 68(3-4) 291-306; 69(1-4) 1-10; 89(1-2) 59-76
Gabon 77(3-4) 143-159
Greenland 62(1-2) 61-82
Northern Territory Australia 94(3-4) 225-250
Ontario 52(3-4) 347-380
Queensland Australia 94(3-4) 225-250
Russian Federation 93(2-3) 201-213
South Africa 79(1-2) 171-194
Sri Lanka 66(1-4) 3-18
Sweden 52(3-4) 187-214
Western Australia 88(1-4) 173-205
South Africa 55(1-4) 81-92; 70(3-4) 303-335
geochemistry 55(1-4) 451-467
stocks
Canadian Shield 68(3-4) 201-230; 76(3-4) 155-190
Northwest Territories 94(3-4) 175-204
Quebec 52(1-2) 37-51
Sweden 64(1-4) 347-360
geochemistry 64(1-4) 319-335
orogeny 64(1-4) 225-238
structural geology 75(1-2) 17-29; 98(1-2) 151-171
tectonics 93(1) 105-117
tectonophysics 69(1-4) 61-79
Tanzania, structural geology 62(3) 207-226
Ukraine 78(1-3) 65-78
United States, metal ores 58(1-4) 99-119; 58(1-4) 355-386
Western Australia 78(4) 237-260
deformation 88(1-4) 83-108
gold ores 51(1-4) 85-113
structural geology 75(1-2) 47-63; 83(1-3) 11-42; 83(1-3) 57-81; 83(1-3) 185-201
Zimbabwe
geochemistry 55(1-4) 451-467
tectonics 98(1-2) 67-82
intrusive mountain *see* batholiths
Invertebrata *see* Porifera; Protista
Inyoka Fault
sedimentary petrology 68(3-4) 257-290
Iran
geochemistry 63(3-4) 225-246
Irece Basin
geochemistry 89(1-2) 87-100
Ireland
structural geology 53(1-2) 41-78
iron
Canadian Shield, geochemistry 94(3-4) 139-173
India, geochemistry 72(1-2) 69-95
Montana, diagenesis 63(1-2) 83-96

Northern Territory Australia, energy sources 54(1) 81-108
South Africa
Archean 72(3-4) 247-261
geochemistry 79(1-2) 57-71
Western Australia
Archean 72(3-4) 247-261
geochemistry 57(1-2) 21-47
iron formations *see also* banded iron formations
Arabian Peninsula, metal ores 58(1-4) 169-194
Central African Republic, petrology 68(1-2) 97-113
China, crust 78(1-3) 79-94
Greenland, metamorphism 72(3-4) 227-234
India 70(1-2) 93-112
geochemistry 61(1-2) 137-164; 72(1-2) 69-95
Northern Territory Australia, metal ores 78(4) 211-235
Northwest Territories, petrology 77(1-2) 59-89
Ontario, geochemistry 52(3-4) 347-380
South Africa
geochemistry 72(1-2) 109-145; 79(1-2) 171-194
stratigraphy 54(2-4) 257-269
volcanism 61(1-2) 117-136
Western Australia 60(1-4) 243-286
Archean 79(1-2) 3-24
geochemistry 57(1-2) 21-47; 80(1-2) 49-76
stratigraphy 69(1-4) 133-155
Zimbabwe, stratigraphy 77(3-4) 161-178
iron ores
Africa 58(1-4) 305-344
Brazil 58(1-4) 195-214
Canada 58(1-4) 355-386; 58(1-4) 401-426
Canadian Shield 58(1-4) 25-54
Ontario 58(1-4) 99-119
Russian Federation 58(1-4) 121-141; 58(1-4) 427-446
South Africa 91(1-2) 65-90
Sweden 54(2-4) 109-130
United States 58(1-4) 99-119; 58(1-4) 355-386
Western Australia 88(1-4) 67-82
stratigraphy 69(1-4) 133-155
iron oxides
metal ores 58(1-4) 241-287
Iron Quadrangle, Brazil *see* Quadrilatero Ferrifero
iron sulfides
geochemistry 61(3-4) 209-229
iron-formations *see* iron formations
ironstone
South Africa, stratigraphy 54(2-4) 257-269
irrotational wave *see* P-waves
irruption (intrusion) *see* intrusions
island arcs *see also* back-arc basins
Algeria, tectonophysics 69(1-4) 307-326
Arabian Peninsula, metal ores 58(1-4) 169-194
Brazil, tectonophysics 81(3-4) 299-310
Canadian Shield
geochemistry 65(1-4) 115-153; 67(3-4) 207-241
metal ores 58(1-4) 25-54
petrology 97(1-2) 27-42
China, tectonics 78(1-3) 95-103
Ethiopia, structural geology 77(3-4) 179-210
Mali, geochemistry 65(1-4) 55-69
Northern Territory Australia, Proterozoic 71(1-4) 265-299
Norway, tectonophysics 92(3) 297-315
Ontario
magmas 81(3-4) 223-239
petrology 78(1-3) 53-63
Romania, orogeny 80(3-4) 281-301
Saskatchewan, magmas 70(1-2) 145-164
South Dakota, metal ores 58(1-4) 85-97
Sudan, plate tectonics 53(1-2) 99-118
Sweden
orogeny 64(1-4) 225-238
tectonophysics 92(3) 297-315
Western Australia
metal ores 96(3-4) 143-181
tectonics 88(1-4) 109-142
Wyoming, metal ores 58(1-4) 85-97
isoclinal folds
Antarctica 63(3-4) 273-291
petrology 63(1-2) 1-26
Brazil 59(1-2) 125-143; 77(1-2) 1-15
Ethiopia 52(1-2) 179-186
metamorphism 62(3) 271-283
India 72(3-4) 283-299
Labrador, Proterozoic 99(1-2) 65-90
Mozambique, metamorphism 62(3) 271-283
Newfoundland, Proterozoic 99(1-2) 65-90
Russian Federation, petrology 62(4) 419-430
South Africa, lava 78(1-3) 125-138
Sri Lanka 66(1-4) 21-37
Western Australia 68(1-2) 43-64
gold ores 88(1-4) 249-265
isostasy
92(4) 387-412
Africa 69(1-4) 199-227
Archean 97(3-4) 143-154
Canada 91(1-2) 91-107
Ethiopia 98(1-2) 83-105
Finland 82(1-2) 13-34; 86(1-2) 21-44
Ontario 77(1-2) 41-57
South Africa 55(1-4) 173-186
South America 69(1-4) 199-227
Sweden 86(1-2) 21-44; 98(3-4) 173-195
Zimbabwe 55(1-4) 173-186
isostatic rebound *see* glacial rebound
isothermal remanent magnetization
Africa, paleomagnetism 74(4) 225-244
Antarctica, paleomagnetism 74(4) 225-244
Australia, stratigraphy 85(3-4) 173-199
Canada, tectonics 90(1-2) 85-101
China, stratigraphy 85(3-4) 173-199
Quebec, tectonophysics 63(1-2) 59-81
Russian Federation, paleomagnetism 93(2-3) 201-213
Saskatchewan, tectonophysics 69(1-4) 11-24
isotope fractionation
Labrador, petrology 93(4) 281-297
Newfoundland, petrology 93(4) 281-297
Norway, cobalt ores 91(3-4) 419-432
Saskatchewan, magmas 70(1-2) 145-164
South Africa
geochemistry 79(1-2) 57-71; 79(1-2) 171-194
metal ores 79(1-2) 141-169
Sri Lanka, geochemistry 66(1-4) 199-220; 66(1-4) 325-349
Sweden, petrology 52(3-4) 215-230
isotopes *see also* carbon
B-11/B-10, China 72(3-4) 185-197
C-13
Brazil 73(1-4) 271-282
South Africa 79(1-2) 171-194
C-13/C-12
Australia 63(3-4) 225-246; 99(3-4) 271-308; 100(1-3) 235-280
Brazil 70(3-4) 253-268; 73(1-4) 271-282; 89(1-2) 87-100
California 70(1-2) 1-24
Canada 63(3-4) 225-246; 73(1-4) 101-121; 100(1-3) 121-150; 100(1-3) 371-433
China 54(1) 45-63; 57(3-4) 243-323; 84(3-4) 197-220; 89(1-2) 77-86; 93(2-3) 215-233; 94(1-2) 121-137; 97(1-2) 59-75
Europe 82(3-4) 311-348
Iran 63(3-4) 225-246
Labrador 77(1-2) 131-141
Minnesota 54(2-4) 131-151
Mongolia 100(1-3) 371-433
Montana 63(3-4) 225-246
Namibia 63(3-4) 225-246
Newfoundland 77(1-2) 131-141
Northern Territory Australia 96(1-2) 63-82
Northwest Territories 90(3-4) 187-202
Ontario 52(3-4) 347-380; 54(2-4) 131-151; 59(3-4) 283-313; 61(3-4) 279-293

Russian Federation 73(1-4) 251-270
South Africa 52(3-4) 301-319; 55(1-4) 365-397; 61(3-4) 279-293; 72(3-4) 247-261; 79(1-2) 57-71; 79(1-2) 171-194
South Australia 100(1-3) 121-150; 100(1-3) 281-298; 100(1-3) 299-312
Sri Lanka 66(1-4) 183-198; 66(1-4) 325-349
stratigraphy 73(1-4) 27-49; 100(1-3) 3-20
Tasmania Australia 100(1-3) 299-312
Western Australia 72(3-4) 247-261; 96(1-2) 63-82
D/H, Saskatchewan 70(1-2) 145-164
Finland, tectonophysics 82(1-2) 13-34
geochemistry 91(3-4) 229-231; 91(3-4) 229-456
Ghana, tectonophysics 56(1-2) 97-111
K-40, sea water 52(3-4) 337-345
Labrador, structural geology 81(1-2) 15-35
N-15/N-14
Northern Territory Australia 96(1-2) 63-82
Western Australia 96(1-2) 63-82
Nd-144/Nd-143
Africa 93(4) 299-337
Arabian Peninsula 86(1-2) 45-58
Australia 100(1-3) 213-234
Bolivia 94(1-2) 73-99
Brazil 80(3-4) 217-238
Cameroon 67(3-4) 321-347
Canadian Shield 94(3-4) 139-173; 96(1-2) 83-99
Chile 94(1-2) 73-99
China 56(1-2) 1-31; 62(1-2) 171-190; 76(1-2) 67-76; 93(2-3) 215-233
Colorado 85(1-2) 53-79; 87(1-2) 1-18; 98(3-4) 271-305
Estonia 79(3-4) 209-226
Europe 51(1-4) 127-149
France 51(1-4) 393-427
geochemistry 51(1-4) 429-468
Greenland 63(3-4) 293-323; 91(3-4) 365-381
India 65(1-4) 319-339
Korea 89(1-2) 47-57
Labrador 63(3-4) 293-323
Latvia 79(3-4) 209-226
Manitoba 92(1) 37-64
mantle 91(3-4) 233-252
Mexico 94(1-2) 73-99
Newfoundland 63(3-4) 293-323
Norway 52(1-2) 97-113; 64(1-4) 403-417
Nova Scotia 76(1-2) 93-113
Quebec 52(1-2) 71-96
Red Sea region 86(1-2) 45-58
Russian Federation 91(3-4) 333-363; 92(3) 223-250
Saskatchewan 61(1-2) 27-50; 92(1) 37-64
South Africa 54(2-4) 231-256; 78(1-3) 139-150
South Australia 79(3-4) 371-394
Sri Lanka 66(1-4) 95-110
Sweden 52(3-4) 215-230; 93(1) 105-117
Texas 85(1-2) 53-79; 94(1-2) 73-99
Uruguay 74(3) 177-194
Utah 87(1-2) 1-18
Western Australia 54(2-4) 231-256; 83(1-3) 109-132
Newfoundland, structural geology 81(1-2) 15-35
O-18
geochemistry 51(1-4) 429-468
South Africa 79(1-2) 171-194
O-18/O-16
Australia 99(3-4) 271-308
Brazil 70(3-4) 253-268; 77(1-2) 23-40
California 70(1-2) 1-24
Canada 73(1-4) 101-121
China 84(3-4) 197-220; 89(1-2) 77-86; 97(1-2) 59-75
Colorado 85(1-2) 53-79
Minnesota 54(2-4) 131-151
Northern Territory Australia 77(3-4) 211-229
Ontario 52(3-4) 347-380; 54(2-4) 131-151; 59(3-4) 283-313; 92(4) 365-387
Russian Federation 62(4) 453-472; 73(1-4) 251-270
Saskatchewan 70(1-2) 145-164
South Africa 55(1-4) 353-364; 72(3-4) 247-261; 79(1-2) 57-71; 79(1-2) 141-169; 79(1-2) 171-194
Sri Lanka 66(1-4) 183-198; 66(1-4) 223-244
Texas 85(1-2) 53-79; 94(1-2) 49-72
Western Australia 72(3-4) 247-261
Zimbabwe 55(1-4) 353-364
Pb-206/Pb-204
Bolivia 94(1-2) 73-99
Brazil 72(3-4) 235-245
Burkina Faso 80(3-4) 153-172
Cameroon 67(3-4) 321-347
Canadian Shield 96(1-2) 83-99
Chile 94(1-2) 73-99
China 62(1-2) 171-190
Colorado 63(1-2) 97-122; 85(1-2) 53-79
Estonia 79(3-4) 209-226
Finland 51(1-4) 265-281
French Guiana 92(2) 165-194
Greenland 63(3-4) 293-323
India 62(1-2) 127-137
Labrador 63(3-4) 293-323; 93(4) 281-297
Latvia 79(3-4) 209-226
Manitoba 68(1-2) 1-21
mantle 91(3-4) 233-252
Mexico 94(1-2) 73-99
New Mexico 63(1-2) 97-122
Newfoundland 63(3-4) 293-323; 93(4) 281-297
North Carolina 68(1-2) 81-95
Russian Federation 62(4) 453-472; 62(4) 473-491
South Africa 55(1-4) 451-467; 72(3-4) 247-261; 78(1-3) 139-150; 87(1-2) 87-115
Sri Lanka 66(1-4) 111-121; 66(1-4) 123-149; 66(1-4) 151-181
Sweden 51(1-4) 265-281; 81(1-2) 83-99; 82(1-2) 1-12
Texas 85(1-2) 53-79; 94(1-2) 73-99
Virginia 68(1-2) 81-95
Western Australia 51(1-4) 375-391; 61(1-2) 1-26; 72(3-4) 247-261
Zimbabwe 55(1-4) 451-467; 87(1-2) 87-115
Pb-207/Pb-204
Bolivia 94(1-2) 73-99
Brazil 72(3-4) 235-245
Canadian Shield 96(1-2) 83-99
Chile 94(1-2) 73-99
China 62(1-2) 171-190
Colorado 63(1-2) 97-122; 85(1-2) 53-79
Estonia 79(3-4) 209-226
Finland 51(1-4) 265-281
Greenland 63(3-4) 293-323
India 62(1-2) 127-137
Labrador 63(3-4) 293-323; 93(4) 281-297
Latvia 79(3-4) 209-226
Manitoba 68(1-2) 1-21
Mexico 94(1-2) 73-99
New Mexico 63(1-2) 97-122
Newfoundland 63(3-4) 293-323; 93(4) 281-297
Russian Federation 62(4) 453-472; 62(4) 473-491
South Africa 55(1-4) 451-467; 72(3-4) 247-261; 78(1-3) 139-150; 87(1-2) 87-115
Sri Lanka 66(1-4) 111-121; 66(1-4) 123-149
Sweden 51(1-4) 265-281; 81(1-2) 83-99; 82(1-2) 1-12
Texas 85(1-2) 53-79; 94(1-2) 73-99
Western Australia 51(1-4) 375-391; 72(3-4) 247-261
Zimbabwe 55(1-4) 451-467; 87(1-2) 87-115
Pb-207/Pb-206
Africa 93(4) 299-337
Burkina Faso 80(3-4) 153-172
Cameroon 67(3-4) 321-347
Colorado 63(1-2) 97-122

French Guiana 92(2) 165-194
Manitoba 68(1-2) 1-21
New Mexico 63(1-2) 97-122
North Carolina 68(1-2) 81-95
Ontario 74(1-2) 73-89
South Africa 55(1-4) 451-467
Sri Lanka 66(1-4) 151-181
Virginia 68(1-2) 81-95
Western Australia 61(1-2) 1-26
Zimbabwe 55(1-4) 451-467
Pb-208/Pb-204
Bolivia 94(1-2) 73-99
Brazil 72(3-4) 235-245
Canadian Shield 96(1-2) 83-99
Chile 94(1-2) 73-99
China 62(1-2) 171-190
Colorado 63(1-2) 97-122; 85(1-2) 53-79
Estonia 79(3-4) 209-226
Finland 51(1-4) 265-281
Greenland 63(3-4) 293-323
Labrador 63(3-4) 293-323; 93(4) 281-297
Latvia 79(3-4) 209-226
Mexico 94(1-2) 73-99
New Mexico 63(1-2) 97-122
Newfoundland 63(3-4) 293-323; 93(4) 281-297
Russian Federation 62(4) 453-472; 62(4) 473-491
South Africa 72(3-4) 247-261; 78(1-3) 139-150; 87(1-2) 87-115
Sri Lanka 66(1-4) 111-121; 66(1-4) 123-149
Sweden 51(1-4) 265-281; 81(1-2) 83-99; 82(1-2) 1-12
Texas 85(1-2) 53-79; 94(1-2) 73-99
Western Australia 72(3-4) 247-261
Zimbabwe 87(1-2) 87-115
Pb-208/Pb-206
Cameroon 67(3-4) 321-347
French Guiana 92(2) 165-194
Manitoba 68(1-2) 1-21
North Carolina 68(1-2) 81-95
Virginia 68(1-2) 81-95
S-34/S-32
Australia 63(3-4) 225-246
Brazil 89(1-2) 87-100
British Columbia 73(1-4) 71-99
Canada 63(3-4) 225-246; 100(1-3) 371-433
China 89(1-2) 77-86; 97(1-2) 59-75
Iran 63(3-4) 225-246
metal ores 61(3-4) 295-322
Minnesota 54(2-4) 131-151
Mongolia 100(1-3) 371-433
Montana 63(3-4) 225-246
Namibia 63(3-4) 225-246
Ontario 52(3-4) 347-380; 54(2-4) 131-151
South Africa 79(1-2) 57-71; 79(1-2) 141-169; 96(3-4) 209-224
South Australia 79(3-4) 281-305; 100(1-3) 151-179
Sm-147/Nd-144
Mexico 96(3-4) 245-262
New York 96(3-4) 245-262
Sr-87/Sr-86
Arabian Peninsula 86(1-2) 45-58
Australia 63(3-4) 225-246
Brazil 59(3-4) 263-282; 62(3) 323-342; 70(3-4) 253-268; 80(3-4) 217-238; 82(1-2) 35-62; 89(1-2) 87-100; 93(2-3) 153-180
California 91(1-2) 109-142
Canada 63(3-4) 225-246; 73(1-4) 101-121; 100(1-3) 121-150; 100(1-3) 181-211; 100(1-3) 371-433
Canadian Shield 65(1-4) 115-153
China 56(1-2) 1-31; 62(1-2) 171-190; 93(2-3) 215-233
Colorado 85(1-2) 53-79
Egypt 80(1-2) 1-22
Estonia 79(3-4) 209-226
France 51(1-4) 393-427
geochemistry 51(1-4) 429-468
Greenland 91(3-4) 365-381
India 62(1-2) 127-137; 62(3) 227-237; 65(1-4) 319-339
Iran 63(3-4) 225-246
Latvia 79(3-4) 209-226
metal ores 61(3-4) 295-322
Mongolia 100(1-3) 371-433
Montana 63(3-4) 225-246
Namibia 63(1-2) 143-162; 63(3-4) 225-246; 100(1-3) 181-211
Northwest Territories 90(3-4) 187-202
Norway 52(1-2) 97-113
Quebec 52(1-2) 71-96
Red Sea region 86(1-2) 45-58
Russian Federation 62(4) 453-472
South Africa 63(1-2) 143-162; 78(1-3) 139-150; 79(1-2) 101-123; 91(3-4) 253-267
South Australia 100(1-3) 121-150; 100(1-3) 181-211; 100(1-3) 281-298
Sri Lanka 66(1-4) 95-110
stratigraphy 73(1-4) 27-49; 100(1-3) 3-20
Sweden 52(3-4) 215-230
Texas 85(1-2) 53-79
Uruguay 74(3) 177-194; 93(2-3) 153-180
Western Australia 51(1-4) 375-391; 54(2-4) 211-229
Sri Lanka, petrology 66(1-4) 1-409
Sweden
metal ores 58(1-4) 143-167
Proterozoic 64(1-4) 361-388
U-238/Pb-206
North Carolina 68(1-2) 81-95
Virginia 68(1-2) 81-95
Israel
magmas 92(2) 195-213
metamorphism, Elath Israel 98(1-2) 107-127
Isua Belt
metamorphism 72(3-4) 227-234
Itabira Synclinorium
deformation 65(1-4) 25-54
Itabuna Belt
tectonophysics 53(1-2) 1-22
Itacolomi Group
structural geology 90(1-2) 29-58
Itacolomi Supergroup
gold ores 68(1-2) 139-167
Itiuba Massif
petrology 51(1-4) 283-314
Itsaq gneiss complex
petrology 78(1-3) 1-39
Ivory Coast
geochemistry 87(1-2) 33-63
petrology 80(3-4) 173-191
tectonics 86(3-4) 177-199
tectonophysics 65(1-4) 207-229; 69(1-4) 199-227
Jabalpur India
problematic fossils 72(3-4) 171-184
Jacobina Basin
structural geology 86(3-4) 155-176
jasper
India, stratigraphy 80(3-4) 193-204
Jeltulac Orogeny
petrology 62(4) 473-491
Jequitai Formation
stratigraphy 80(1-2) 125-152
Jiangsu China
Cambrian 57(3-4) 243-323
Jiangxi China
plate tectonics 81(1-2) 129-144
Jiayuan Formation
Cambrian 57(3-4) 243-323
Jimbu Microgranite
volcanism 94(3-4) 225-250
Jimperding Belt
petrology 96(1-2) 125-139
structural geology 78(1-3) 179-196
Jingning Orogeny
plate tectonics 76(1-2) 67-76
Jinning Orogeny
geochronology 97(1-2) 43-57
Jixian China
stratigraphy 52(1-2) 167-178
Joao Caetano Fault
structural geology 59(1-2) 125-143
Jokkmokk Sweden
magmas 96(3-4) 225-243
tectonics 93(1) 105-117

Jordan *see* Wadi Araba
Jotnian
Sweden 69(1-4) 61-79
jotunite
California 70(1-2) 1-24
Virginia, geochemistry 84(1-2) 37-62
Jubbulpore India *see* Jabalpur India
Jurassic
Korea 89(1-2) 47-57
K *see* potassium
K-40
sea water 52(3-4) 337-345
K-feldspar
Colorado, Cretaceous 63(1-2) 97-122
New Mexico, Cretaceous 63(1-2) 97-122
South Africa, geochemistry 91(3-4) 253-267
Swaziland, magmas 61(1-2) 89-116
Western Australia, gold ores 88(1-4) 249-265
K/Ar
Antarctica, Mesozoic 75(3-4) 251-262
Arizona, petrology 65(1-4) 255-276
Brazil, Proterozoic 59(3-4) 263-282
India, Proterozoic 79(3-4) 363-369
Labrador, petrology 51(1-4) 315-336
Newfoundland, petrology 51(1-4) 315-336
Northern Territory Australia
geochronology 71(1-4) 207-227; 71(1-4) 229-250
Proterozoic 71(1-4) 155-181
Ontario, petrology 91(3-4) 287-294
South Australia, Proterozoic 71(1-4) 155-181
Texas, petrology 94(1-2) 49-72
Western Australia, tectonics 88(1-4) 109-142
Zambia, uranium ores 58(1-4) 215-240
Kaaimans Group
tectonophysics 97(3-4) 303-323
Kaap Valley Tonalite
geochemistry 52(3-4) 301-319
Kaapvaal Craton
Archean 53(3-4) 243-266; 55(1-4) 17-31; 74(4) 203-223; 79(1-2) 3-24; 79(1-2) 25-35; 79(1-2) 73-100; 97(3-4) 165-189; 97(3-4) 269-302
geochemistry 54(2-4) 231-256
gold ores 95(3-4) 167-185
intrusions 55(1-4) 81-92
magmas 82(1-2) 113-132
metamorphism 55(1-4) 1-5
metasomatism 92(2) 129-144
petrology 52(1-2) 115-132; 55(1-4) 303-319; 67(3-4) 277-320; 79(1-2) 101-123; 96(1-2) 141-142
sedimentary petrology 67(3-4) 243-276
stratigraphy 54(2-4) 257-269; 69(1-4) 193-197; 81(1-2) 145-149; 97(3-4) 155-164; 97(3-4) 215-251
structural geology 52(1-2) 133-166; 55(1-4) 7-16; 55(1-4) 51-67; 55(1-4) 93-110; 55(1-4) 173-186; 55(1-4) 187-200; 55(1-4) 539-552; 55(1-4) 553-570; 55(1-4) 571-587; 96(3-4) 263-288
tectonics 55(1-4) 69-80; 55(1-4) 169-172
tectonophysics 91(1-2) 181-227
Kadugannawa Complex
geochemistry 66(1-4) 183-198
petrology 66(1-4) 3-18
structural geology 66(1-4) 21-37; 66(1-4) 59-76
Kainuu Belt
stratigraphy 64(1-4) 253-271; 97(3-4) 253-267
tectonophysics 64(1-4) 85-108
Kaladgi System
geochemistry 98(1-2) 53-65
Kalahari Craton
stratigraphy 69(1-4) 113-131
Kalahari Desert
seismicity 90(3-4) 239-240
tectonophysics 97(3-4) 303-323
Kalahari Plate
faults 90(1-2) 1-28
Kalasapura Suite
geochronology 80(3-4) 205-216
Kaldurga Conglomerate
sedimentary petrology 70(1-2) 93-112
Kalgoorlie Australia
geochemistry 83(1-3) 133-183
Kalgoorlie Terrane
metal ores 58(1-4) 55-70
structural geology 83(1-3) 11-42; 83(1-3) 57-81; 83(1-3) 185-201
kalium *see* potassium
Kambalda Australia
metal ores 58(1-4) 55-70
Kambalda Goldfield
magmas 52(3-4) 245-273
Kangamiut dike swarm
structural geology 93(1) 87-104
Kangaroo Caves Deposit
metal ores 88(1-4) 67-82
Kango Group
tectonophysics 97(3-4) 303-323
Kaniapiskau Supergroup
orogeny 86(3-4) 117-154
Kaoko Belt
magmas 92(4) 341-363
stratigraphy 73(1-4) 137-151
Kapp Hansteen Group
petrology 70(3-4) 215-234
Kapuskasing Zone
deformation 93(1) 51-70
petrology 92(2) 117-128
Karasjok-Kittila granulite belt
tectonophysics 64(1-4) 153-168
Karelia
geochemistry 92(3) 223-250
magmas 70(1-2) 45-65
tectonophysics 64(1-4) 273-288
Karelia Russian Federation
paleomagnetism 74(4) 245-252; 93(2-3) 201-213
petrology 62(4) 375-397; 64(1-4) 197-205; 75(1-2) 31-46
plate tectonics 64(1-4) 3-21
tectonophysics 64(1-4) 273-288; 72(1-2) 97-107; 98(3-4) 197-221
Karelian
Russian Federation 75(1-2) 31-46
Karelian Orogeny
metal ores 58(1-4) 387-400
Karnataka India *see also* Bangalore India; Chitradurga schist belt; Closepet Granite; Sandur India
areal geology 78(4) 297-298
geochemistry 98(1-2) 53-65
geochronology 68(1-2) 169-173; 78(4) 261-272
petrology 91(1-2) 41-63
structural geology 63(1-2) 43-58
tectonophysics 80(1-2) 77-87
Karrat Group
geochronology 91(3-4) 383-399
Karroo Supergroup
Archean 79(1-2) 73-100
katagenesis *see* catagenesis
Katangan Supergroup
tectonics 62(1-2) 1-59
Kataragama Klippe
structural geology 66(1-4) 39-57
Kataskin Member
paleobotany 65(1-4) 231-254
Katherine River Group
volcanism 94(3-4) 225-250
Katni India
problematic fossils 72(3-4) 171-184
Kaumajet Mountain Group
geochemistry 77(1-2) 131-141
Kawanga Deposit
uranium ores 58(1-4) 215-240
Kaza Group
Proterozoic 73(1-4) 71-99
Keewatin District Northwest Territories
Archean 81(3-4) 265-297
petrology 77(1-2) 59-89
Kelly Belt
geochemistry 96(1-2) 41-62
petrology 88(1-4) 3-23

Kelly Formation
Proterozoic 60(1-4) 69-98
Kenoran Orogeny
Canadian Shield 92(3) 277-295
petrology 62(3) 285-305
Quebec, petrology 52(1-2) 71-96
Kenticha Terrain
structural geology 77(3-4) 179-210
Kenya
stratigraphy 69(1-4) 113-131
kerabitumen *see* kerogen
Kerala India
geochemistry 98(1-2) 129-150
stratigraphy 76(1-2) 31-46
Kerala khondalite belt
geochemistry 55(1-4) 469-489
plate tectonics 70(3-4) 269-280
kerogen
Australia, Cambrian 100(1-3) 235-280
Bolivia, sedimentary petrology 61(3-4) 181-190
Europe, Proterozoic 82(3-4) 311-348
geochemistry 61(3-4) 171-179
Michigan, sedimentary petrology 61(3-4) 181-190
Northern Territory Australia, stratigraphy 96(1-2) 63-82
Ontario, metal ores 61(3-4) 279-293
Russian Federation, sedimentary petrology 61(3-4) 181-190
South Africa
geochemistry 79(1-2) 57-71
metal ores 61(3-4) 279-293
South Australia, Proterozoic 74(3) 119-175
United Arab Emirates, sedimentary petrology 61(3-4) 181-190
Western Australia, stratigraphy 96(1-2) 63-82
Wyoming, sedimentary petrology 61(3-4) 181-190
Kerrs Brook Pluton
magmas 76(1-2) 93-113
Keweenawan
Nebraska 76(1-2) 47-65
Keweenawan Rift
geochemistry 54(1) 65-79
metal ores 58(1-4) 355-386
paleomagnetism 76(1-2) 47-65
Key Harbour Gneiss
plate tectonics 91(3-4) 433-444
Khairagarh Group
geochemistry 84(1-2) 105-111
Kheinjua Formation
paleobotany 74(1-2) 91-117
Khomas Belt
stratigraphy 73(1-4) 137-151
Khomas Zone
structural geology 57(3-4) 169-194
khondalite
China 59(3-4) 207-223
India 66(1-4) 393-409
geochemistry 55(1-4) 469-489
Sri Lanka 66(1-4) 245-263
Khorbusuonka Group
stratigraphy 73(1-4) 251-270
Kibaran Orogeny
Burundi, petrology 68(3-4) 323-356
South Africa 62(1-2) 83-101
Zambia, uranium ores 58(1-4) 215-240
Kikkertavak Dikes
magmas 82(1-2) 63-84
Kilburnie Fault
geochronology 71(1-4) 251-263
Killarney Orogeny
petrology 91(3-4) 287-294
Kimberley Basin
geochronology 95(3-4) 225-243
Proterozoic 92(1) 65-87
Kimberley Block
paleomagnetism 100(1-3) 359-370
Kimberley South Africa
geochronology 95(3-4) 225-243
kimberlite
India
paleomagnetism 69(1-4) 259-267
Proterozoic 62(3) 227-237; 79(3-4) 363-369
South Africa, stratigraphy 69(1-4) 193-197
King Island
stratigraphy 100(1-3) 299-312
Kingston Range
algae 61(3-4) 241-278
Kinross Mine
gold ores 95(3-4) 167-185
Kirkland Basin
faults 68(3-4) 201-230
Kirkland Lake Ontario
geochemistry 54(2-4) 173-194
sedimentary petrology 68(1-2) 23-42
Kiruna Sweden
structural geology 72(3-4) 199-225
Kiruna-Arvidsjaur Porphyry Group
geochemistry 64(1-4) 239-252
Kirwanveggen
structural geology 75(3-4) 209-229
Kisseynew Complex
structural geology 80(1-2) 107-124
Kisseynew Domain
structural geology 72(1-2) 147-167
klippen
Sri Lanka, geochronology 66(1-4) 95-110
Kola Peninsula
crust 64(1-4) 189-195
metal ores 58(1-4) 121-141; 58(1-4) 289-303
Mohorovicic discontinuity 64(1-4) 23-51
petrology 64(1-4) 197-205; 75(1-2) 31-46
plate tectonics 64(1-4) 3-21
stratigraphy 69(1-4) 81-93
tectonophysics 72(1-2) 97-107; 82(1-2) 133-151
Kola Russian Federation
geochemistry 92(3) 223-250
tectonophysics 72(1-2) 97-107
Komaktorvik Zone
structural geology 70(3-4) 169-190; 91(1-2) 91-107
komatiite *see also* metakomatiite
Africa 67(3-4) 277-320
Canadian Shield 89(1-2) 59-76; 97(1-2) 27-42
geochemistry 94(3-4) 139-173
Greenland, geochemistry 82(3-4) 177-189
India 65(1-4) 1-23
Ontario
geochemistry 93(4) 257-279
sedimentary petrology 68(1-2) 23-42
tectonophysics 65(1-4) 183-205
Papua New Guinea, tectonophysics 65(1-4) 183-205
South Africa 78(1-3) 125-138
geochronology 57(1-2) 91-119
metal ores 91(1-2) 65-90
Western Australia, tectonophysics 91(1-2) 181-227
Koolpin Formation
metal ores 78(4) 211-235
Koras Group
crust 63(1-2) 143-162
Korea
volcanism, Ogcheon Belt 89(1-2) 47-57
Kotakonda Kimberlite
Proterozoic 79(3-4) 363-369
Kovasinvaara Formation
stratigraphy 97(3-4) 253-267
Kraaipan Group
volcanism 61(1-2) 117-136
Krivoi Rog Series *see* Krivoy Rog Series
Krivoy Rog Basin
metal ores 58(1-4) 289-303
Krivoy Rog Series
metal ores 58(1-4) 289-303
Krol Formation
stratigraphy 97(1-2) 99-113
Kromberg Formation
Archean 54(2-4) 271-293
lava 78(1-3) 125-138
metasomatism 92(2) 129-144
Kuandian Complex
Proterozoic 62(1-2) 171-190

Kuibis Subgroup
Proterozoic 63(3-4) 247-272; 73(1-4) 153-171
Kumaun Himalayas
volcanism 87(3-4) 217-231
Kundelungu Group
structural geology 62(3) 207-226
Kungarra Formation
Proterozoic 99(1-2) 33-64
Kurnalpi Terrane
structural geology 83(1-3) 11-42; 83(1-3) 185-201
Kurrana Batholith
geochemistry 54(2-4) 211-229
Kurulta Block
crust 91(3-4) 333-363
petrology 62(4) 473-491
Kurulta Group
intrusions 62(4) 493-505
petrology 62(4) 473-491
Kuruman Iron Formation
Archean 79(1-2) 25-35
geochemistry 72(1-2) 109-145; 79(1-2) 37-55; 79(1-2) 171-194
Kuusamo Belt
metal ores 58(1-4) 387-400
stratigraphy 97(3-4) 253-267
Kuzput Formation
Proterozoic 99(1-2) 33-64
KwaZulu-Natal South Africa
geochronology 62(1-2) 83-101
metal ores 59(1-2) 43-71; 77(3-4) 243-271
plate tectonics 86(1-2) 71-92
La *see* lanthanum
La Ronge Domain
geochemistry 92(1) 37-64
magmas 70(1-2) 145-164
Labrador *see also* Grenville Province; Nain Province; Rae Province; Torngat Orogeny
magmas 82(1-2) 63-84
metamorphic rocks
Nain Massif 75(1-2) 91-118
Nain Newfoundland 75(1-2) 91-118
petrology 68(3-4) 357-374; 93(4) 281-297
Nain Massif 56(1-2) 73-87; 68(1-2) 179-181; 78(4) 303
Labrador Trough
metal ores 58(1-4) 401-426
Labradorian Orogeny
orogeny 80(3-4) 239-260
Proterozoic 99(1-2) 65-90
tectonics 63(1-2) 123-142
Lac de Bois Group
foliation 68(3-4) 183-200
Lac des Iles Complex
magmas 81(3-4) 223-239
Lac Joseph Terrane
tectonics 63(1-2) 123-142
Lac Labreque Pluton
petrology 79(3-4) 327-346
Lac Lomier Complex
structural geology 81(1-2) 15-35
Lac Saint-Jean
petrology 79(3-4) 327-346
laccoliths
Northern Territory Australia 94(3-4) 225-250
Queensland Australia 94(3-4) 225-250
Lachlan fold belt
petrology 81(1-2) 37-66
lacustrine sediments *see* lake sediments
Ladoga Series
metal ores 58(1-4) 121-141
Lake Grace Terrane
structural geology 78(1-3) 179-196
Lake Huron
deformation 93(1) 51-70
metal ores 58(1-4) 99-119
Lake Ladoga
tectonophysics 64(1-4) 85-108
Lake Melville Terrane
orogeny 80(3-4) 239-260
Proterozoic 99(1-2) 65-90
structural geology 81(1-2) 101-128
Lake of the Woods greenstone belt
petrology 81(3-4) 155-178
Lake of the Woods region
petrology 81(3-4) 155-178
lake sediments
South Africa, stratigraphy 97(3-4) 215-251
Lake Superior region
geochemistry 54(2-4) 131-151
metal ores 58(1-4) 355-386
Lake Vanern
Proterozoic 79(3-4) 227-237
structural geology 79(3-4) 261-279; 94(1-2) 29-48
Lalla Rookh Basin
structural geology 88(1-4) 233-247
tectonics 88(1-4) 207-231
laminations
Appalachians, Proterozoic 97(1-2) 115-134
China
paleobotany 96(3-4) 183-208
stratigraphy 52(1-2) 167-178
India 56(1-2) 139-157
metal ores 77(1-2) 117-130
Rocky Mountains, algae 61(3-4) 241-278
South Africa
Archean 54(2-4) 271-293
petrology 63(1-2) 27-41
laminite
Western Australia, metal ores 88(1-4) 67-82
lamproite
India
paleomagnetism 69(1-4) 259-267
Proterozoic 62(3) 227-237; 79(3-4) 363-369
Ontario, Archean 76(3-4) 191-211
Western Australia 51(1-4) 51-83; 52(3-4) 245-273
gold ores 51(1-4) 85-113
lanthanoans *see* rare earths
lanthanum
Canada, geochemistry 81(1-2) 3-14
Canadian Shield, geochemistry 94(3-4) 139-173
Sri Lanka, geochemistry 66(1-4) 223-244
lapilli
South Africa
Archean 79(1-2) 73-100
volcanism 61(1-2) 117-136
Lapland granulite belt
orogeny 64(1-4) 225-238
structural geology 64(1-4) 131-152
tectonophysics 64(1-4) 85-108; 64(1-4) 153-168; 64(1-4) 169-187
Lapland-Kola Belt
faults 68(1-2) 65-79
tectonophysics 72(1-2) 97-107
Lapland-Umba granulite belt
tectonophysics 82(1-2) 133-151
Larder Lake Group
geochemistry 54(2-4) 173-194
Larder Lake-Cadillac Fault
sedimentary petrology 68(1-2) 23-42
Larsemann Hills
geochronology 75(3-4) 175-188
lateral faults *see* left-lateral faults; right-lateral faults
latitude, paleo- *see* paleolatitude
Latvia *see* Baltic Shield; Russian Platform
Laurentia
Appalachians, Proterozoic 97(1-2) 115-134
Bolivia, metamorphism 94(1-2) 73-99
Brazil
petrology 80(3-4) 217-238; 95(1-2) 41-67
plate tectonics 53(1-2) 23-40; 76(3-4) 213-227
Canada
Archean 93(1) 5-26
orogeny 86(3-4) 117-154
Canadian Shield, plate tectonics 63(3-4) 325-347
Chile, metamorphism 94(1-2) 73-99
China, geochronology 97(1-2) 43-57
Greenland
Archean 93(1) 5-26
faults 68(1-2) 65-79

Labrador
Proterozoic 99(1-2) 65-90
structural geology 81(1-2) 15-35; 81(1-2) 101-128
Mexico
metamorphism 94(1-2) 73-99
Proterozoic 96(3-4) 245-262
New York, Proterozoic 96(3-4) 245-262
Newfoundland
Proterozoic 99(1-2) 65-90
structural geology 81(1-2) 15-35; 81(1-2) 101-128
North Carolina, Proterozoic 68(1-2) 81-95
petrology 82(3-4) 237-263
Quebec, geochronology 77(3-4) 231-241
Queensland Australia, geochronology 89(3-4) 101-127
Russian Federation, plate tectonics 89(1-2) 1-23
South Africa, metal ores 91(1-2) 65-90
South Australia, Cambrian 100(1-3) 21-63
Sweden, plate tectonics 92(1) 1-20
Texas, metamorphism 94(1-2) 73-99
United Kingdom, faults 68(1-2) 65-79
Virginia, Proterozoic 68(1-2) 81-95
Western Australia, paleomagnetism 100(1-3) 335-357
Yukon Territory, tectonophysics 69(1-4) 95-112
Laurentian Plateau *see* Canadian Shield
lava
Africa 67(3-4) 277-320
Canadian Shield 89(1-2) 59-76
French Guiana, structural geology 92(2) 165-194
Greenland
geochemistry 82(3-4) 177-189; 94(1-2) 101-120
gold ores 62(1-2) 61-82
India, geochemistry 76(1-2) 77-91
Jordan, geochemistry 56(1-2) 51-72
Labrador 68(3-4) 357-374
Newfoundland 68(3-4) 357-374
pahoehoe, Arizona 65(1-4) 255-276
Quebec, geochemistry 57(3-4) 207-241
South Africa 55(1-4) 33-45; 78(1-3) 125-138; 79(1-2) 101-123
Archean 79(1-2) 73-100
Sweden, metal ores 82(1-2) 1-12
Western Australia
Archean 65(1-4) 297-317
structural geology 83(1-3) 57-81; 83(1-3) 83-107
Zimbabwe 55(1-4) 33-45
stratigraphy 77(3-4) 161-178
Lawler Peak Granite
petrology 82(3-4) 237-263
Laxfordian
Scotland 91(3-4) 401-418
layered intrusions
Brazil 68(3-4) 241-255
Canadian Shield, geochemistry 92(2) 89-116
Finland, paleomagnetism 74(4) 245-252
Labrador 56(1-2) 73-87; 68(1-2) 179-181
Newfoundland 56(1-2) 73-87; 68(1-2) 179-181
Russian Federation 64(1-4) 197-205; 75(1-2) 31-46
geochemistry 92(3) 223-250
metal ores 58(1-4) 121-141
paleomagnetism 74(4) 245-252
tectonophysics 98(3-4) 197-221
South Africa 52(1-2) 115-132; 78(1-3) 139-150
lead *see also* Pb/Pb; U/Pb
Pb-206/Pb-204
Bolivia 94(1-2) 73-99
Brazil 72(3-4) 235-245
Burkina Faso 80(3-4) 153-172
Cameroon 67(3-4) 321-347
Canadian Shield 96(1-2) 83-99
Chile 94(1-2) 73-99
China 62(1-2) 171-190
Colorado 63(1-2) 97-122; 85(1-2) 53-79
Estonia 79(3-4) 209-226
Finland 51(1-4) 265-281
French Guiana 92(2) 165-194
Greenland 63(3-4) 293-323
India 62(1-2) 127-137
Labrador 63(3-4) 293-323; 93(4) 281-297
Latvia 79(3-4) 209-226
Manitoba 68(1-2) 1-21
mantle 91(3-4) 233-252
Mexico 94(1-2) 73-99
New Mexico 63(1-2) 97-122
Newfoundland 63(3-4) 293-323; 93(4) 281-297
North Carolina 68(1-2) 81-95
Russian Federation 62(4) 453-472; 62(4) 473-491
South Africa 55(1-4) 451-467; 72(3-4) 247-261; 78(1-3) 139-150; 87(1-2) 87-115
Sri Lanka 66(1-4) 111-121; 66(1-4) 123-149; 66(1-4) 151-181
Sweden 51(1-4) 265-281; 81(1-2) 83-99; 82(1-2) 1-12
Texas 85(1-2) 53-79; 94(1-2) 73-99
Virginia 68(1-2) 81-95
Western Australia 51(1-4) 375-391; 61(1-2) 1-26; 72(3-4) 247-261
Zimbabwe 55(1-4) 451-467; 87(1-2) 87-115
Pb-207/Pb-204
Bolivia 94(1-2) 73-99
Brazil 72(3-4) 235-245
Canadian Shield 96(1-2) 83-99
Chile 94(1-2) 73-99
China 62(1-2) 171-190
Colorado 63(1-2) 97-122; 85(1-2) 53-79
Estonia 79(3-4) 209-226
Finland 51(1-4) 265-281
Greenland 63(3-4) 293-323
India 62(1-2) 127-137
Labrador 63(3-4) 293-323; 93(4) 281-297
Latvia 79(3-4) 209-226
Manitoba 68(1-2) 1-21
Mexico 94(1-2) 73-99
New Mexico 63(1-2) 97-122
Newfoundland 63(3-4) 293-323; 93(4) 281-297
Russian Federation 62(4) 453-472; 62(4) 473-491
South Africa 55(1-4) 451-467; 72(3-4) 247-261; 78(1-3) 139-150; 87(1-2) 87-115
Sri Lanka 66(1-4) 111-121; 66(1-4) 123-149
Sweden 51(1-4) 265-281; 81(1-2) 83-99; 82(1-2) 1-12
Texas 85(1-2) 53-79; 94(1-2) 73-99
Western Australia 51(1-4) 375-391; 72(3-4) 247-261
Zimbabwe 55(1-4) 451-467; 87(1-2) 87-115
Pb-207/Pb-206
Africa 93(4) 299-337
Burkina Faso 80(3-4) 153-172
Cameroon 67(3-4) 321-347
Colorado 63(1-2) 97-122
French Guiana 92(2) 165-194
Manitoba 68(1-2) 1-21
New Mexico 63(1-2) 97-122
North Carolina 68(1-2) 81-95
Ontario 74(1-2) 73-89
South Africa 55(1-4) 451-467
Sri Lanka 66(1-4) 151-181
Virginia 68(1-2) 81-95
Western Australia 61(1-2) 1-26
Zimbabwe 55(1-4) 451-467
Pb-208/Pb-204
Bolivia 94(1-2) 73-99
Brazil 72(3-4) 235-245
Canadian Shield 96(1-2) 83-99
Chile 94(1-2) 73-99
China 62(1-2) 171-190
Colorado 63(1-2) 97-122; 85(1-2) 53-79
Estonia 79(3-4) 209-226
Finland 51(1-4) 265-281
Greenland 63(3-4) 293-323
Labrador 63(3-4) 293-323; 93(4) 281-297
Latvia 79(3-4) 209-226
Mexico 94(1-2) 73-99

New Mexico 63(1-2) 97-122
Newfoundland 63(3-4) 293-323; 93(4) 281-297
Russian Federation 62(4) 453-472; 62(4) 473-491
South Africa 72(3-4) 247-261; 78(1-3) 139-150; 87(1-2) 87-115
Sri Lanka 66(1-4) 111-121; 66(1-4) 123-149
Sweden 51(1-4) 265-281; 81(1-2) 83-99; 82(1-2) 1-12
Texas 85(1-2) 53-79; 94(1-2) 73-99
Western Australia 72(3-4) 247-261
Zimbabwe 87(1-2) 87-115
Pb-208/Pb-206
Cameroon 67(3-4) 321-347
French Guiana 92(2) 165-194
Manitoba 68(1-2) 1-21
North Carolina 68(1-2) 81-95
Virginia 68(1-2) 81-95
U-238/Pb-206
North Carolina 68(1-2) 81-95
Virginia 68(1-2) 81-95
lead glance *see* galena
lead ores *see also* mississippi valley-type deposits
New South Wales Australia 90(3-4) 203-238; 98(1-2) 1-10
South Australia 79(3-4) 281-305
Sweden 81(1-2) 83-99
Western Australia 98(3-4) 243-270
lead-lead *see* Pb/Pb
lead-zinc deposits
Africa 58(1-4) 305-344
Northwest Territories 58(1-4) 1-24
South Dakota 58(1-4) 85-97
Western Australia 58(1-4) 345-354
Wyoming 58(1-4) 85-97
lebensspuren
South Australia, stratigraphy 100(1-3) 97-108
Leeuwin Complex
structural geology 75(1-2) 47-63
left-lateral faults
Africa, metal ores 58(1-4) 305-344
Arabian Peninsula, tectonophysics 53(1-2) 119-147
Brazil 84(3-4) 139-162; 86(3-4) 155-176
Ethiopia, metamorphism 62(3) 271-283
Mozambique, metamorphism 62(3) 271-283
Niger 70(3-4) 281-301
Sri Lanka 75(3-4) 263-277
Sweden 79(3-4) 261-279
Western Australia 88(1-4) 207-231
Leonora Australia
structural geology 62(3) 343-365; 68(1-2) 43-64
Lesser Himalayas
base metals 99(3-4) 171-178
stratigraphy 97(1-2) 99-113
volcanism 87(3-4) 217-231
leucogranite
Europe, geochemistry 62(1-2) 103-125
Northern Territory Australia, Proterozoic 71(1-4) 69-89
Saskatchewan, geochronology 95(3-4) 187-223
South Africa 70(3-4) 303-335
Levack Gneiss
geochemistry 82(3-4) 265-285
tectonophysics 91(3-4) 445-454
Lewisian
Greenland 62(3) 239-270
Scotland 62(3) 239-270; 91(3-4) 401-418
Lewisian Complex
faults 68(1-2) 65-79
Li *see* lithium
Liaodong Peninsula
non-metal deposits 72(3-4) 185-197
Liaohe Group
Proterozoic 62(1-2) 171-190
Liaoning China
crust, Anshan China 78(1-3) 79-94
non-metal deposits, Liaodong Peninsula 72(3-4) 185-197
Proterozoic 62(1-2) 171-190
Liaotung Peninsula *see* Liaodong Peninsula
Libby Formation
diagenesis 63(1-2) 83-96
Libertas Syncline
structural geology 52(1-2) 133-166
life origin
paleontology 56(1-2) 159-166
Lime Acres Member
paleobotany 75(1-2) 65-90
limestone *see also* micrite
India
geochronology 78(4) 261-272
problematic fossils 72(3-4) 171-184
Northwest Territories, Proterozoic 90(3-4) 187-202
Ontario, geochemistry 52(3-4) 347-380
Limpopo Belt
Archean 55(1-4) 17-31; 91(3-4) 269-285
deformation 70(3-4) 191-213
geochemistry 55(1-4) 353-364; 55(1-4) 365-397; 55(1-4) 451-467
intrusions 55(1-4) 81-92
metamorphic rocks 55(1-4) 429-449
metamorphism 55(1-4) 1-5; 55(1-4) 407-427
paleomagnetism 69(1-4) 269-280
petrology 55(1-4) 1-587; 55(1-4) 33-45; 55(1-4) 259-277; 55(1-4) 279-296; 55(1-4) 303-319; 55(1-4) 321-325; 55(1-4) 327-336; 55(1-4) 337-352; 78(1-3) 139-150; 87(1-2) 87-115; 93(4) 299-337
phase equilibria 55(1-4) 201-207
stratigraphy 77(3-4) 161-178
structural geology 55(1-4) 7-16; 55(1-4) 51-67; 55(1-4) 93-110; 55(1-4) 123-153; 55(1-4) 173-186; 55(1-4) 187-200; 55(1-4) 525-538; 55(1-4) 539-552; 55(1-4) 553-570; 55(1-4) 571-587; 61(1-2) 67-88; 96(3-4) 263-288
tectonics 55(1-4) 69-80; 55(1-4) 169-172
Limpopo Orogeny
Africa, structural geology 61(1-2) 67-88
Far East, structural geology 55(1-4) 571-587
Himalayas, structural geology 55(1-4) 571-587
South Africa
geochemistry 55(1-4) 451-467
intrusions 55(1-4) 81-92
metamorphic rocks 55(1-4) 429-449
metamorphism 55(1-4) 1-5
petrology 55(1-4) 327-336
structural geology 55(1-4) 7-16; 55(1-4) 123-153
Western Australia, Archean 79(1-2) 3-24
Zimbabwe
geochemistry 55(1-4) 451-467
metamorphic rocks 55(1-4) 429-449
metamorphism 55(1-4) 1-5
structural geology 55(1-4) 7-16
lineaments
Brazil, structural geology 59(1-2) 125-143
Germany, structural geology 73(1-4) 235-250
Ivory Coast, petrology 80(3-4) 173-191
North Sea, Mohorovicic discontinuity 64(1-4) 23-51
Scandinavia, Mohorovicic discontinuity 64(1-4) 23-51
South Africa, structural geology 96(3-4) 263-288
Western Australia, petrology 51(1-4) 51-83
lineation *see also* cleavage; folds; foliation; slickensides
Antarctica 63(1-2) 1-26
Brazil, petrology 87(1-2) 19-32
South Africa 55(1-4) 187-200
metamorphism 55(1-4) 1-5
Western Australia 80(1-2) 89-105
Zimbabwe 55(1-4) 187-200
metamorphism 55(1-4) 1-5
liquid inclusions *see* fluid inclusions
listric faults
Western Australia 88(1-4) 25-52

lithium
Sweden, petrology 82(1-2) 85-99
lithium ores
Sweden 58(1-4) 143-167
lithogeochemistry *see also* geochemical anomalies
Antarctica 75(3-4) 157-174
orogeny 75(3-4) 231-250
Ghana 98(1-2) 11-30
India 98(1-2) 53-65
magmas 99(3-4) 225-254
Western Australia, metal ores 90(3-4) 119-140
lithostratigraphy
70(1-2) 168; 73(1-4) 1-298; 97(3-4) 137-141; 97(3-4) 137-323
Africa 73(1-4) 137-151; 74(4) 203-223
Algeria, tectonophysics 69(1-4) 307-326
Antarctica, orogeny 75(3-4) 231-250
Appalachians, geochronology 99(1-2) 113-146
Arctic region 53(3-4) 165-197
Australia 99(3-4) 271-308; 100(1-3) 1-433; 100(1-3) 213-234; 100(1-3) 235-280
Brazil
geochemistry 89(1-2) 87-100
petrology 78(1-3) 151-164
Proterozoic 72(3-4) 235-245
structural geology 98(1-2) 31-51
tectonophysics 53(1-2) 1-22
British Columbia 73(1-4) 71-99
Canada 73(1-4) 101-121; 100(1-3) 181-211; 100(1-3) 371-433
Canadian Shield, faults 68(3-4) 201-230
China 84(3-4) 197-220; 100(1-3) 313-334
Europe 82(3-4) 311-348
Germany, structural geology 73(1-4) 235-250
Himalayas, tectonics 74(1-2) 35-55
India 92(1) 21-35; 97(1-2) 99-113; 97(3-4) 269-302
geochemistry 98(1-2) 53-65
metal ores 77(1-2) 117-130
problematic fossils 72(3-4) 171-184
Ivory Coast
geochemistry 87(1-2) 33-63
tectonophysics 65(1-4) 207-229
Mongolia 100(1-3) 371-433
Namibia 63(3-4) 247-272; 100(1-3) 181-211
crust 63(1-2) 143-162
magmas 92(4) 341-363
New South Wales Australia, metal ores 90(3-4) 203-238
Newfoundland 73(1-4) 123-136
Northern Territory Australia 73(1-4) 173-195
Northwest Territories 90(3-4) 187-202; 94(3-4) 175-204
metal ores 58(1-4) 1-24
Norway 73(1-4) 197-216
Ontario, petrology 81(3-4) 155-178
petroleum 85(1-2) 115-116
Russian Federation 73(1-4) 251-270
tectonophysics 82(1-2) 133-151
Scandinavia 97(3-4) 253-267
South Africa 97(3-4) 191-214; 97(3-4) 215-251
crust 63(1-2) 143-162
volcanism 61(1-2) 117-136
South Australia 87(3-4) 135-159; 97(3-4) 269-302; 100(1-3) 65-95; 100(1-3) 97-108; 100(1-3) 109-120; 100(1-3) 181-211; 100(1-3) 299-312
Spitsbergen 53(3-4) 165-197
Sweden, orogeny 64(1-4) 225-238
Tasmania Australia 100(1-3) 299-312
Western Australia 60(1-4) 1-45; 79(1-2) 3-24; 97(3-4) 269-302; 99(1-2) 33-64
geochemistry 83(1-3) 133-183
metal ores 58(1-4) 55-70; 90(3-4) 119-140
petrology 95(3-4) 275, 277-302
plate tectonics 88(1-4) 143-171
structural geology 83(1-3) 11-42; 88(1-4) 53-66; 90(3-4) 141-158; 94(1-2) 11-28
Zambia, uranium ores 58(1-4) 215-240
Little Belt Mountains
algae 61(3-4) 241-278
Little Dal Group
tectonics 52(1-2) 1-35
Liulaobei Formation
Cambrian 57(3-4) 243-323
paleobotany 65(1-4) 95-114
Llano Uplift
magmas 85(1-2) 53-79
petrology 94(1-2) 49-72
longitudinal wave *see* P-waves
Longjiayuan Formation
Proterozoic 84(3-4) 197-220
lopoliths
Russian Federation 75(1-2) 31-46
Loskop Formation
petrology 52(1-2) 115-132
Loudoun County Virginia
geochronology 99(1-2) 113-146
Louisa Downs Group
Proterozoic 92(1) 65-87
Love Cove Group
geochemistry 59(3-4) 243-262
low stands *see* lowstands
low-angle faults
Arabian Peninsula, tectonophysics 53(1-2) 119-147
Ethiopia 62(3) 307-322
Mozambique 62(3) 307-322
Northern Territory Australia, geochronology 71(1-4) 207-227
low-grade metamorphism
Africa, structural geology 61(1-2) 67-88
Benin 82(3-4) 191-209
Burkina Faso, sedimentary petrology 80(3-4) 153-172
China, tectonics 78(1-3) 95-103
Ethiopia
geochemistry 96(1-2) 101-124
structural geology 77(3-4) 179-210
South Africa
geochemistry 54(2-4) 231-256; 79(1-2) 37-55
structural geology 55(1-4) 123-153; 55(1-4) 539-552
tectonics 55(1-4) 111-122
Spain 53(3-4) 267-279
Western Australia 83(1-3) 203-219
Archean 65(1-4) 297-317
geochemistry 54(2-4) 231-256
Zimbabwe, structural geology 55(1-4) 539-552
Lower Cretaceous *see* Thamama Group
lower crust
Canadian Shield, geochemistry 65(1-4) 115-153
Egypt, geochemistry 80(1-2) 1-22
Estonia, geochemistry 79(3-4) 209-226
Latvia, geochemistry 79(3-4) 209-226
Ontario, magmas 51(1-4) 27-50
petrology 51(1-4) 161-172
Russian Federation, petrology 62(4) 473-491
South Africa, structural geology 55(1-4) 187-200
Sri Lanka 66(1-4) 77-91
structural geology 66(1-4) 21-37; 66(1-4) 39-57; 66(1-4) 59-76
Zimbabwe, structural geology 55(1-4) 187-200
lower mantle
Canada, geochemistry 81(1-2) 3-14
lower Paleozoic *see* Delamerian Orogeny
lower Precambrian *see* Archean
lowstands
South Africa, stratigraphy 97(3-4) 215-251
Lu *see* lutetium
Lufilian Arc
uranium ores 58(1-4) 215-240
Lukkulaisvaara Intrusion
petrology 64(1-4) 197-205; 75(1-2) 31-46
Lulea Sweden
magmas 96(3-4) 225-243
plate tectonics 67(1-2) 141-158
tectonics 93(1) 105-117

Lulea Volcanics
geochemistry 64(1-4) 239-252
Luoquan Formation 94(1-2) 121-137
Lurio Supergroup
tectonics 62(1-2) 1-59
Lushan China
Cambrian 57(3-4) 243-323
Proterozoic 94(1-2) 121-137
lutetium
Montana, Archean 91(3-4) 295-307
Ontario, petrology 78(1-3) 53-63
Wyoming, Archean 91(3-4) 295-307
lutite
Northern Territory Australia, volcanism 94(3-4) 225-250
Queensland Australia, volcanism 94(3-4) 225-250
Lutzow-Holm Bay
structural geology 75(3-4) 263-277
Lutzow-Holm Complex
tectonophysics 80(1-2) 77-87
Lutzow-Holmbukta *see* Lutzow-Holm Bay
M-discontinuity *see* Mohorovicic discontinuity
macerals *see* vitrinite
Mackenzie District Northwest Territories *see* Great Slave Lake
Mackenzie Mountains
geochemistry 63(3-4) 225-246
stratigraphy 73(1-4) 101-121
tectonics 52(1-2) 1-35
tectonophysics 69(1-4) 95-112
Mackenzie Mountains Supergroup
stratigraphy 73(1-4) 101-121
MacLean Lake Belt
geochemistry 92(1) 37-64
Macururе Group
metal ores 58(1-4) 195-214
Madhya Pradesh India *see* Jabalpur India
Madison County Montana *see* Tobacco Root Mountains
Madison Range
tectonics 55(1-4) 155-168
Magdalena Group
structural geology 67(3-4) 349-356
magma chambers
Missouri, metasomatism 51(1-4) 245-263
Ontario
geochemistry 54(2-4) 173-194
magmas 51(1-4) 27-50
South Africa, geochemistry 54(2-4) 231-256
Western Australia, geochemistry 54(2-4) 231-256
magma contamination
California, geochemistry 91(1-2) 109-142
Canadian Shield
geochemistry 92(2) 89-116; 96(1-2) 83-99
lava 89(1-2) 59-76
Greenland, tectonophysics 91(3-4) 365-381
Labrador, petrology 68(3-4) 357-374
Newfoundland, petrology 68(3-4) 357-374
Northern Territory Australia, Proterozoic 71(1-4) 265-299
Russian Federation
crust 91(3-4) 333-363
geochemistry 92(3) 223-250
South Africa, petrology 78(1-3) 139-150
magma reservoir *see* magma chambers
magmas *see also* crystal fractionation; fractional crystallization; magma chambers; magmatic differentiation
53(3-4) 301-303; 55(1-4) 297-301; 82(3-4) 237-263
Africa 67(3-4) 277-320
Antarctica, tectonics 75(3-4) 121-139
Australia 81(1-2) 37-66
Brazil 62(3) 323-342; 80(3-4) 217-238; 99(3-4) 309-325
structural geology 99(1-2) 1-32
California 70(1-2) 1-24
Canada
geochemistry 81(1-2) 3-14
orogeny 86(3-4) 117-154
Canadian Shield 97(1-2) 27-42
geochemistry 76(3-4) 155-190; 94(3-4) 139-173
Central African Republic 68(1-2) 97-113
Egypt, geochemistry 80(1-2) 1-22
Ethiopia 76(1-2) 3-14
Europe 95(1-2) 129-146
paleomagnetism 69(1-4) 25-50
Finland, tectonophysics 64(1-4) 273-288
French Guiana, structural geology 92(2) 165-194
Ghana, gold ores 89(3-4) 129-143
Greenland 63(3-4) 293-323
India 65(1-4) 167-181; 66(1-4) 379-392
Proterozoic 62(3) 227-237
Ivory Coast, tectonics 86(3-4) 177-199
Labrador 63(3-4) 293-323
Missouri 95(1-2) 69-88
Namibia 92(4) 341-363
Newfoundland 63(3-4) 293-323
Niger, structural analysis 70(3-4) 281-301
North Carolina, Proterozoic 68(1-2) 81-95
Northern Territory Australia
geochronology 71(1-4) 45-68; 71(1-4) 301-314
Proterozoic 71(1-4) 107-129
tectonophysics 65(1-4) 71-94
Norway, tectonophysics 64(1-4) 403-417; 92(3) 297-315
Ontario 53(3-4) 199-231; 81(3-4) 223-239
geochemistry 82(3-4) 265-285; 92(4) 365-387
Quebec
foliation 68(3-4) 183-200
geochemistry 57(3-4) 207-241
Russian Federation, tectonophysics 64(1-4) 273-288
Scotland, geochronology 91(3-4) 401-418
South Africa 55(1-4) 33-45; 79(1-2) 101-123; 82(1-2) 113-132
Archean 79(1-2) 73-100
geochemistry 52(3-4) 301-319
Sri Lanka 66(1-4) 379-392
Sweden 95(1-2) 109-127; 96(3-4) 225-243
lead ores 81(1-2) 83-99
tectonophysics 92(3) 297-315
United States, tectonophysics 65(1-4) 71-94
Venezuela, tectonics 85(1-2) 1-25
Virginia
geochemistry 84(1-2) 37-62
Proterozoic 68(1-2) 81-95
Western Australia 51(1-4) 375-391; 52(3-4) 245-273; 83(1-3) 203-219
geochemistry 60(1-4) 99-116; 96(1-2) 41-62
geochronology 71(1-4) 301-314
gold ores 88(1-4) 249-265
metal ores 98(3-4) 243-270
structural geology 80(1-2) 89-105
Zimbabwe 55(1-4) 33-45
magmatic associations
Brazil, petrology 51(1-4) 351-374
magmatic differentiation *see* fractional crystallization
magmatism
Africa, petrology 93(4) 299-337
Antarctic Ocean, metamorphism 89(3-4) 175-205
Bolivia, metamorphism 94(1-2) 73-99
Brazil
petrology 95(1-2) 9-39; 95(1-2) 41-67; 99(3-4) 309-325
structural geology 84(3-4) 139-162
Canada
orogeny 86(3-4) 117-154
structural geology 91(1-2) 91-107
Canadian Shield
Archean 92(3) 277-295; 97(1-2) 77-97
geochemistry 92(2) 89-116
lava 89(1-2) 59-76
Chile, metamorphism 94(1-2) 73-99
Colorado, magmas 85(1-2) 53-79
Finland, isostasy 86(1-2) 21-44
Greenland, geochemistry 94(1-2) 101-120
India, magmas 99(3-4) 225-254

Ivory Coast, tectonics 86(3-4) 177-199
Labrador, Proterozoic 99(1-2) 65-90
Malawi, petrology 85(1-2) 27-51
Mauritania, Archean 90(3-4) 107-117
Mexico, metamorphism 94(1-2) 73-99
New South Wales Australia, metal ores 90(3-4) 203-238; 98(1-2) 1-10
Newfoundland, Proterozoic 99(1-2) 65-90
Nigeria, structural geology 87(1-2) 65-74
Ontario, deformation 93(1) 51-70
Russian Federation, plate tectonics 89(1-2) 1-23
South Africa
  metal ores 91(1-2) 65-90
  tectonophysics 97(3-4) 303-323
South Australia
  Cambrian 100(1-3) 21-63
  Proterozoic 94(3-4) 205-224
  stratigraphy 87(3-4) 135-159
Sweden
  isostasy 86(1-2) 21-44
  petrology 95(1-2) 147-166
  plate tectonics 92(1) 1-20
  structural geology 98(3-4) 173-195
tectonophysics 91(1-2) 143-179
Texas
  magmas 85(1-2) 53-79
  metamorphism 94(1-2) 73-99
Western Australia
  Archean 97(3-4) 165-189
  metal ores 90(3-4) 119-140
  petrology 88(1-4) 3-23
Wyoming, petrology 89(3-4) 145-173

magnesian calcite
Montana, diagenesis 63(1-2) 83-96

magnesian spar *see* dolomite

magnesium
Canadian Shield, geochemistry 96(1-2) 83-99
China, Proterozoic 84(3-4) 197-220
Europe, Proterozoic 82(3-4) 311-348
Labrador, magmas 82(1-2) 63-84
Montana, diagenesis 63(1-2) 83-96
Newfoundland, magmas 82(1-2) 63-84
sea water 52(3-4) 337-345

magnesium calcite *see* magnesian calcite

magnetic anomalies
Brazil, petrology 99(3-4) 309-325
Europe, petrology 51(1-4) 127-149
Finland, tectonophysics 64(1-4) 273-288
Labrador, petrology 51(1-4) 315-336
Newfoundland, petrology 51(1-4) 315-336
Russian Federation, tectonophysics 64(1-4) 273-288
Sweden
  magmas 96(3-4) 225-243
  structural geology 64(1-4) 67-84

magnetic declination
Africa, paleomagnetism 74(4) 225-244
Angola, stratigraphy 59(1-2) 1-13
Antarctica, paleomagnetism 74(4) 225-244
Australia, stratigraphy 85(3-4) 173-199
Brazil, petrology 87(1-2) 19-32
China, stratigraphy 85(3-4) 173-199
Europe, paleomagnetism 69(1-4) 25-50
Finland, paleomagnetism 74(4) 245-252
Greenland, stratigraphy 69(1-4) 51-60
India
  paleomagnetism 69(1-4) 259-267
  stratigraphy 69(1-4) 157-167; 76(1-2) 31-46; 79(3-4) 307-325; 80(3-4) 193-204
  tectonophysics 80(1-2) 77-87
Northern Territory Australia, stratigraphy 72(1-2) 1-41
Northwest Territories, tectonics 52(1-2) 1-35
Norway, stratigraphy 69(1-4) 81-93
Queensland Australia, stratigraphy 72(1-2) 1-41
Russian Federation
  paleomagnetism 74(4) 245-252; 93(2-3) 201-213
  stratigraphy 69(1-4) 81-93
  tectonophysics 98(3-4) 197-221
Saskatchewan, tectonophysics 69(1-4) 11-24
Seychelles, tectonophysics 69(1-4) 281-292
South Africa, paleomagnetism 69(1-4) 229-240
Sri Lanka, tectonophysics 80(1-2) 77-87
Sweden, tectonophysics 69(1-4) 61-79
Venezuela, tectonics 85(1-2) 1-25
Western Australia, stratigraphy 69(1-4) 133-155
Yukon Territory, tectonics 52(1-2) 1-35
Zimbabwe, paleomagnetism 69(1-4) 269-280

magnetic domains
Venezuela, tectonics 85(1-2) 1-25

magnetic hysteresis
Brazil, stratigraphy 99(3-4) 179-196

magnetic inclination
Africa, paleomagnetism 74(4) 225-244
Angola, stratigraphy 59(1-2) 1-13
Antarctica, paleomagnetism 74(4) 225-244
Australia, stratigraphy 85(3-4) 173-199
Brazil, petrology 87(1-2) 19-32
China, stratigraphy 85(3-4) 173-199
Europe, paleomagnetism 69(1-4) 25-50
Finland, paleomagnetism 74(4) 245-252
Greenland, stratigraphy 69(1-4) 51-60
India
  paleomagnetism 69(1-4) 259-267
  stratigraphy 69(1-4) 157-167; 76(1-2) 31-46; 79(3-4) 307-325; 80(3-4) 193-204
  tectonophysics 80(1-2) 77-87
Northern Territory Australia, stratigraphy 72(1-2) 1-41
Northwest Territories, tectonics 52(1-2) 1-35
Norway, stratigraphy 69(1-4) 81-93
Queensland Australia, stratigraphy 69(1-4) 241-258; 72(1-2) 1-41
Russian Federation
  paleomagnetism 74(4) 245-252; 93(2-3) 201-213
  stratigraphy 69(1-4) 81-93
  tectonophysics 98(3-4) 197-221
Saskatchewan, tectonophysics 69(1-4) 11-24
South Africa, paleomagnetism 69(1-4) 229-240
Sri Lanka, tectonophysics 80(1-2) 77-87
Sweden, tectonophysics 69(1-4) 61-79
Venezuela, tectonics 85(1-2) 1-25
Western Australia, stratigraphy 69(1-4) 133-155
Yukon Territory, tectonics 52(1-2) 1-35
Zimbabwe, paleomagnetism 69(1-4) 269-280

magnetic intensity
Africa, paleomagnetism 74(4) 225-244
Antarctica, paleomagnetism 74(4) 225-244
Canada, tectonics 90(1-2) 85-101
Greenland, stratigraphy 54(2-4) 153-172
South Africa, paleomagnetism 69(1-4) 229-240
South Australia, Proterozoic 74(3) 119-175
Sri Lanka, plate tectonics 66(1-4) 77-91
Venezuela, tectonics 85(1-2) 1-25

magnetic iron ore *see* magnetite

magnetic methods *see also* magnetic anomalies
geochemistry 83(1-3) 109-132
plate tectonics 66(1-4) 77-91
structural geology 55(1-4) 173-186; 72(3-4) 199-225; 75(1-2) 17-29; 78(1-3) 179-196
tectonophysics 64(1-4) 85-108

magnetic minerals
Australia, stratigraphy 85(3-4) 173-199
Brazil, petrology 99(3-4) 309-325
China, stratigraphy 85(3-4) 173-199
Quebec, tectonophysics 63(1-2) 59-81
Venezuela, tectonics 85(1-2) 1-25

magnetic profiles
India, tectonophysics 99(3-4) 149-169

magnetic properties *see also* magnetic susceptibility
Russian Federation, paleomagnetism 93(2-3) 201-213

magnetic susceptibility
Brazil
petrology 87(1-2) 19-32; 99(3-4) 309-325
structural geology 99(1-2) 1-32
Canadian Shield, gold ores 84(1-2) 83-103
Europe, paleomagnetism 69(1-4) 25-50
Finland, tectonophysics 64(1-4) 273-288
Greenland, stratigraphy 69(1-4) 51-60
India, stratigraphy 80(3-4) 193-204
Quebec, tectonophysics 63(1-2) 59-81
Russian Federation, tectonophysics 64(1-4) 273-288
South Africa, paleomagnetism 69(1-4) 229-240
Western Australia, stratigraphy 69(1-4) 133-155
Zimbabwe, paleomagnetism 69(1-4) 269-280
magnetism, paleo- *see* paleomagnetism
magnetite
Africa, structural geology 61(1-2) 67-88
India, metal ores 58(1-4) 71-83
Northwest Territories, tectonics 52(1-2) 1-35
Quebec, tectonophysics 63(1-2) 59-81
Scotland, geochronology 91(3-4) 401-418
Venezuela, tectonics 85(1-2) 1-25
Western Australia, Invertebrata 96(1-2) 25-39
Yukon Territory, tectonics 52(1-2) 1-35
Zimbabwe, paleomagnetism 69(1-4) 269-280
magnetization *see* remanent magnetization; saturation magnetization
magnetostratigraphy
China, paleomagnetism 100(1-3) 313-334
Northern Territory Australia 72(1-2) 1-41
Queensland Australia 72(1-2) 1-41
magnetotelluric methods
tectonophysics 64(1-4) 85-108; 70(1-2) 165-166; 99(3-4) 149-169
Magondi Supergroup
Archean 97(3-4) 269-302
Magongolozi Formation
petrology 67(3-4) 277-320
sedimentary petrology 67(3-4) 243-276
Maguse Member
Archean 81(3-4) 265-297
Mahbubnagar India
petrology 84(3-4) 181-196
Mahe Island
tectonophysics 69(1-4) 281-292
Makhavinekh Lake Pluton
petrology 51(1-4) 193-225
Makuti Group
geochemistry 81(3-4) 179-196
Malartic Block
petrology 97(1-2) 27-42
Malawi
petrology 85(1-2) 27-51
structural geology 62(3) 207-226
Mali *see* Adrar des Iforas
Mallina Basin
structural geology 94(1-2) 11-28
Mallina Belt
structural geology 88(1-4) 173-205
Malmani Subgroup
metal ores 79(1-2) 141-169
Malmberget Sweden
lead ores 81(1-2) 83-99
Malmesbury Group
tectonophysics 97(3-4) 303-323
Maluping Formation
stratigraphy 85(3-4) 173-199
Mammalia
Rodentia, China 97(1-2) 43-57
Man Rise
tectonics 86(3-4) 177-199
Man Shield
metal ores 58(1-4) 305-344
tectonophysics 69(1-4) 199-227
Man Terrane
tectonophysics 69(1-4) 199-227
manganese
China, Proterozoic 84(3-4) 197-220
Colorado, metal ores 61(3-4) 231-240
India, geochemistry 72(1-2) 69-95
Montana, diagenesis 63(1-2) 83-96
South Africa, Archean 72(3-4) 247-261
Western Australia, Archean 72(3-4) 247-261
manganese ores
Africa 58(1-4) 305-344
Russian Federation 58(1-4) 427-446
mangerite
51(1-4) 173-192
Brazil 51(1-4) 351-374; 87(1-2) 19-32
Quebec 79(3-4) 327-346
Manitoba *see also* Flin Flon Belt; Missi Group; Reindeer Lake
geochronology 68(1-2) 1-21
structural geology, Snow Lake Manitoba 80(1-2) 107-124
Manitouwadge Ontario
geochemistry 74(1-2) 73-89
mantle *see also* asthenosphere; geothermal gradient; heat flow; hot spots; isostasy
91(3-4) 233-252
Canada 82(1-2) 174-175
Canadian Shield, geochemistry 76(3-4) 155-190; 94(3-4) 139-173; 96(1-2) 83-99
Egypt, geochemistry 80(1-2) 1-22
Estonia, geochemistry 79(3-4) 209-226
Europe 64(1-4) 153-168
Finland 64(1-4) 273-288
Ghana 56(1-2) 97-111
Greenland 82(1-2) 174-175
India
geochemistry 76(1-2) 77-91; 84(1-2) 105-111
inclusions 65(1-4) 1-23
petrology 65(1-4) 167-181
Latvia, geochemistry 79(3-4) 209-226
lower mantle, Canada 81(1-2) 3-14
Northern Territory Australia, geochronology 71(1-4) 17-43
Norway 64(1-4) 403-417; 72(1-2) 97-107
Ontario 65(1-4) 183-205
magmas 51(1-4) 27-50
Papua New Guinea 65(1-4) 183-205
Russian Federation 64(1-4) 273-288; 72(1-2) 97-107
South Africa, metal ores 91(1-2) 65-90
Sweden, lead ores 81(1-2) 83-99
Western Australia
magmas 52(3-4) 245-273
metal ores 90(3-4) 119-140
structural geology 68(1-2) 43-64
Zimbabwe, metamorphism 55(1-4) 407-427
mantle plumes
Canada, geochemistry 81(1-2) 3-14
Canadian Shield
geochemistry 94(3-4) 139-173
petrology 97(1-2) 27-42
Greenland, geochemistry 94(1-2) 101-120
Labrador, magmas 82(1-2) 63-84
Newfoundland, magmas 82(1-2) 63-84
Norway, geochemistry 82(3-4) 287-309
Russian Federation, petrology 75(1-2) 31-46
South Africa, metal ores 91(1-2) 65-90
Sweden, geochemistry 82(3-4) 287-309
Western Australia
metal ores 90(3-4) 119-140
structural geology 68(1-2) 43-64
tectonophysics 91(1-2) 181-227
Manyutup Tonalite
metal ores 96(3-4) 143-181
Manzano Mountains
structural geology 84(1-2) 1-15
Mapedi Shale
geochemistry 79(1-2) 57-71
maps
geologic maps
South Africa 55(1-4) 111-122
Sri Lanka 92(3) 317-318
Western Australia 88(1-4) 1-265; 88(1-4) 83-108; 95(3-4) 275, 277-302

Marble Bar
Archean 56(3-4) 169-189
geochemistry 57(1-2) 21-47
Marble Bar greenstone belt
structural geology 88(1-4) 53-66
marbles
Sri Lanka, geochemistry 66(1-4) 183-198
Marboo Formation
geochronology 95(3-4) 225-243
margin, continental *see* continental margin
marginal faults *see* boundary faults
Marinoan
paleomagnetism 100(1-3) 359-370
Proterozoic 92(1) 65-87
stratigraphy 100(1-3) 151-179
Maritime Provinces *see* New Brunswick; Nova Scotia
Marra Mamba Formation
sedimentation 60(1-4) 243-286
Maryland
geochronology
Frederick County Maryland 99(1-2) 113-146
Washington County Maryland 99(1-2) 113-146
mass movements *see* debris flows
Massies Mill Quadrangle
geochemistry 84(1-2) 37-62
massive sulfide deposits
Africa, sedimentary petrology 67(3-4) 243-276
metal ores 61(3-4) 295-322
Ontario, geochemistry 74(1-2) 73-89
South Africa, metal ores 59(1-2) 43-71
Sweden, metal ores 82(1-2) 1-12
Western Australia, metal ores 88(1-4) 1-265; 88(1-4) 67-82; 90(3-4) 119-140; 96(3-4) 143-181; 98(3-4) 243-270
Mato Grosso Brazil
Proterozoic 59(3-4) 263-282
Matok Complex
metamorphic rocks 55(1-4) 429-449
Matok Pluton
geochemistry 55(1-4) 451-467
Matto Grosso Brazil *see* Mato Grosso Brazil
Mauritania *see also* Reguibat Ridge
carbonates 53(3-4) 281-299
Mawson Charnockite
petrology 63(1-2) 1-26
Maya Terrane
Proterozoic 96(3-4) 245-262
Mayurbhanj Granite
geochronology 93(2-3) 139-151
Mazatzal Orogeny
Arizona, structural geology 67(3-4) 349-356
New Mexico, structural geology 67(3-4) 349-356
Mbozi Complex
paleomagnetism 74(4) 225-244
McArthur Basin
energy sources 54(1) 81-108
Proterozoic 99(3-4) 271-308
stratigraphy 72(1-2) 1-41
volcanism 94(3-4) 225-250
McArthur Group
stratigraphy 72(1-2) 1-41
McGrath Trough
Proterozoic 99(1-2) 33-64
McInnes Lake greenstone belt
Archean 92(3) 277-295
McPhee Dome
geochemistry 96(1-2) 41-62
petrology 88(1-4) 3-23
McPhee Formation
Proterozoic 60(1-4) 69-98
structural geology 88(1-4) 53-66
McPhee Reward Mine
structural geology 88(1-4) 53-66
Mealy Mountains Terrane
Proterozoic 99(1-2) 65-90
structural geology 81(1-2) 101-128
Medicine Peak Quartzite
Cretaceous 63(1-2) 97-122
Meeberrie Gneiss
petrology 78(1-3) 165-178
meetings *see* symposia
Megado Belt
metamorphic rocks 80(3-4) 261-279
melange
China, tectonics 78(1-3) 95-103
Europe, petrology 51(1-4) 127-149
Morocco, petrology 53(1-2) 79-97
Mendon Formation
lava 78(1-3) 125-138
Mesoproterozoic *see* Belt Supergroup; Laxfordian; Missoula Group; Newland Limestone; Revett Quartzite
mesothermal processes
Africa, metal ores 58(1-4) 305-344
South Africa, metal ores 91(1-2) 65-90; 96(3-4) 209-224
Mesozoic *see also* Cretaceous; Jurassic; Triassic
Antarctica 75(3-4) 251-262
Denmark 64(1-4) 337-345
Indosinian Orogeny
Australia 85(3-4) 173-199
China 85(3-4) 173-199
Sweden 64(1-4) 337-345
meta-anorthosite
Brazil 68(3-4) 241-255
meta-ophiolite *see* ophiolite
meta-turbidite *see* turbidite
metabasalt
Antarctica, tectonics 75(3-4) 121-139
Morocco 53(1-2) 79-97
Russian Federation 62(4) 375-397; 62(4) 399-417; 62(4) 507-525
crust 91(3-4) 333-363
Sweden, structural geology 72(3-4) 199-225
metabasite
Afghanistan 98(3-4) 223-241
India, metal ores 61(1-2) 165-168
South Africa, metal ores 77(3-4) 243-271
Spain, structural geology 56(1-2) 113-137
metadacite
Belarus, tectonophysics 68(3-4) 231-240
Estonia, tectonophysics 68(3-4) 231-240
metadiabase
Cameroon, Archean 67(3-4) 321-347
Greenland, Archean 62(3) 239-270
Ontario, folds 85(3-4) 117-146
Scotland, Archean 62(3) 239-270
metaevaporite
South Australia, metal ores 56(3-4) 211-226
metagabbro
Norway 52(1-2) 97-113; 53(3-4) 305, 97-113
South Africa 55(1-4) 1-5
Zimbabwe 55(1-4) 1-5
metagranite
Appalachians, geochronology 99(1-2) 113-146
North Carolina, Proterozoic 68(1-2) 81-95
Sweden, structural geology 98(1-2) 151-171
Virginia, Proterozoic 68(1-2) 81-95
metagraywacke
Canada, geochronology 91(3-4) 383-399
Canadian Shield 62(3) 285-305
Greenland, geochronology 91(3-4) 383-399
India, geochemistry 84(3-4) 117-138
metaigneous rocks *see also* meta-anorthosite; metabasalt; metabasite; metadacite; metadiabase; metagabbro; metagranite; metakomatiite; metaperidotite; metapyroxenite; metatuff; serpentinite
Antarctic Ocean 89(3-4) 175-205
Antarctica, geochemistry 75(3-4) 157-174
Israel 98(1-2) 107-127
metakomatiite
Greenland, geochemistry 94(1-2) 101-120
Labrador 93(4) 281-297
Newfoundland 93(4) 281-297
Russian Federation 62(4) 399-417
crust 91(3-4) 333-363

metal ores *see also* base metals; chromite ores; cobalt ores; copper ores; gold ores; iron ores; lead ores; lead-zinc deposits; lithium ores; manganese ores; metallogenic provinces; metallogeny; molybdenum ores; nickel ores; platinum ores; polymetallic ores; rare earth deposits; silver ores; tantalum ores; tin ores; titanium ores; tungsten ores; uranium ores; vanadium ores; zinc ores
61(3-4) 169-322; 97(1-2) 1-2
India 78(4) 297-298
South Australia 78(4) 298-299
Sweden 82(1-2) 1-12
tectonophysics 91(1-2) 5-13
Western Australia 88(1-4) 1-2; 88(1-4) 1-265
metallogenesis *see* metallogeny
metallogenic provinces
Arabian Peninsula, metal ores 58(1-4) 169-194
metal ores 81(1-2) 151-152
metallogeny
Arabian Peninsula, metal ores 58(1-4) 169-194
Canada, metal ores 58(1-4) 355-386; 58(1-4) 401-426
Canadian Shield, metal ores 58(1-4) 25-54
Finland, metal ores 51(1-4) 265-281
India, metal ores 58(1-4) 71-83; 61(1-2) 165-168
metal ores 58(1-4) 1-446; 61(3-4) 295-322; 81(1-2) 151-152
Ontario, metal ores 58(1-4) 99-119
petrology 51(1-4) 1-468
Russian Federation, metal ores 58(1-4) 121-141; 58(1-4) 289-303; 58(1-4) 427-446
South Australia, metal ores 56(3-4) 211-226
Sweden, metal ores 51(1-4) 265-281; 58(1-4) 143-167
Ukraine, metal ores 58(1-4) 289-303
United States, metal ores 58(1-4) 99-119; 58(1-4) 355-386
Western Australia, gold ores 51(1-4) 85-113
metallurgy
India, gold ores 59(3-4) 327-328
metals *see also* actinides; alkali metals; alkaline earth metals; aluminum; chromium; gold; hafnium; iron; lead; manganese; nickel; niobium; rare earths; tantalum; tin; titanium; tungsten; vanadium; zirconium
alkaline earth metals, India 76(1-2) 77-91
platinum group, South Africa 74(1-2) 1-33
precious metals, Western Australia 96(3-4) 143-181
metamorphic belts *see* greenstone belts
metamorphic core complexes
Brazil
deformation 65(1-4) 25-54
structural geology 99(1-2) 1-32
Quebec, foliation 68(3-4) 183-200
metamorphic processes *see* metamorphism
metamorphic rocks *see also* amphibolite facies; granulite facies; greenschist facies; metasomatic rocks; ophiolite; paragenesis; prehnite-pumpellyite facies; schistosity
amphibolites 51(1-4) 1-25
Afghanistan 98(3-4) 223-241
Antarctica 75(3-4) 251-262
Arabian Peninsula 86(1-2) 45-58
Arctic Ocean 64(1-4) 131-152
Brazil 59(3-4) 263-282
Cameroon 62(3) 191-205
Central African Republic 68(1-2) 97-113
China 56(1-2) 1-31; 62(1-2) 171-190; 93(2-3) 181-199
Ethiopia 52(1-2) 179-186; 62(3) 271-283; 76(1-2) 3-14
Finland 59(3-4) 171-205
Greenland 69(1-4) 51-60; 78(1-3) 1-39; 94(1-2) 101-120
India 70(1-2) 93-112; 83(4) 267-290; 87(1-2) 75-85
Korea 89(1-2) 47-57
Labrador 78(4) 303; 99(1-2) 65-90
Mozambique 62(3) 271-283
Newfoundland 78(4) 303; 99(1-2) 65-90
Northern Territory Australia 65(1-4) 71-94
Norway 52(1-2) 97-113; 53(3-4) 233-242
Ontario 74(1-2) 73-89; 85(1-2) 97-113
Red Sea region 86(1-2) 45-58
Rocky Mountains 78(1-3) 41-52
Romania 80(3-4) 281-301
Russian Federation 62(4) 375-397; 62(4) 399-417; 62(4) 431-451; 91(3-4) 333-363
Seychelles 69(1-4) 281-292
South Africa 86(1-2) 71-92
Sri Lanka 66(1-4) 183-198
Sweden 79(3-4) 239-259; 92(4) 319-339
Tanzania 77(1-2) 105-115
Ukraine 78(1-3) 65-78
United States 65(1-4) 71-94
Western Australia 83(1-3) 83-107; 88(1-4) 249-265
Zimbabwe 81(3-4) 179-196
augen gneiss
Brazil 77(1-2) 23-40
Namibia 92(4) 341-363
Romania 80(3-4) 281-301
Saskatchewan 95(3-4) 187-223
biotite gneiss
Northern Territory Australia 71(1-4) 91-105
Quebec 77(3-4) 231-241
blastomylonite
Brazil 68(3-4) 241-255
Tanzania 93(1) 119-137
Brazil 99(3-4) 309-325
stratigraphy 99(3-4) 179-196
tectonophysics 99(3-4) 255-269
Canadian Shield, crust 99(3-4) 197-224
eclogite 51(1-4) 1-25
Australia 55(1-4) 491-506
Brazil 58(1-4) 195-214; 97(1-2) 3-26
Russian Federation 62(4) 419-430
gneisses
Antarctic Ocean 75(3-4) 189-207
Antarctica 65(1-4) 277-295; 75(3-4) 141-156; 75(3-4) 209-229; 75(3-4) 231-250
Arctic Ocean 64(1-4) 131-152
Brazil 53(1-2) 1-22; 59(3-4) 263-282; 63(3-4) 179-188; 68(1-2) 139-167; 78(1-3) 151-164; 82(1-2) 35-62
Cameroon 62(3) 191-205; 67(3-4) 321-347
Canada 91(3-4) 383-399
Canadian Shield 68(3-4) 291-306
China 56(1-2) 1-31; 59(3-4) 207-223; 67(1-2) 37-57; 78(1-3) 79-94
Ethiopia 77(3-4) 179-210
Europe 64(1-4) 169-187
Finland 64(1-4) 295-309
Greenland 63(1-2) 163-178; 72(3-4) 301-315; 78(1-3) 1-39; 86(1-2) 59-70; 91(3-4) 365-381; 91(3-4) 383-399
India 55(1-4) 469-489; 62(1-2) 127-137; 66(1-4) 379-392; 70(1-2) 93-112; 70(3-4) 269-280; 80(3-4) 205-216; 83(4) 267-290
Ivory Coast 80(3-4) 173-191
Labrador 70(3-4) 169-190; 93(4) 281-297
Malawi 85(1-2) 27-51
Mali 65(1-4) 55-69
Manitoba 92(1) 37-64
Mozambique 62(1-2) 1-59
New South Wales Australia 90(3-4) 203-238; 98(1-2) 1-10
Newfoundland 70(3-4) 169-190; 93(4) 281-297
Nigeria 87(1-2) 65-74
Northern Territory Australia 71(1-4) 155-181; 71(1-4) 183-205
Norway 64(1-4) 389-402; 87(3-4) 117-135
Ontario 74(1-2) 73-89; 81(3-4) 223-239; 85(1-2) 97-113; 91(3-4) 433-444; 91(3-4) 445-454
Quebec 63(1-2) 59-81
Queensland Australia 89(3-4) 101-127
Rocky Mountains 78(1-3) 41-52

Russian Federation 62(4) 375-397; 64(1-4) 189-195; 91(3-4) 333-363
Saskatchewan 61(1-2) 27-50; 69(1-4) 11-24; 92(1) 37-64
South Africa 55(1-4) 33-45; 55(1-4) 93-110; 55(1-4) 327-336; 59(1-2) 43-71; 77(3-4) 243-271; 95(3-4) 225-243
South Australia 71(1-4) 155-181
Sri Lanka 66(1-4) 1-409; 66(1-4) 59-76; 66(1-4) 77-91; 66(1-4) 151-181; 66(1-4) 379-392; 70(3-4) 269-280
Swaziland 67(1-2) 109-139
Sweden 64(1-4) 361-388; 70(3-4) 235-251; 72(3-4) 199-225; 79(3-4) 239-259; 87(3-4) 117-135
Ukraine 78(1-3) 65-78
Virginia 84(1-2) 37-62
Western Australia 52(3-4) 275-300; 59(1-2) 95-123; 61(1-2) 1-26; 88(1-4) 233-247; 91(3-4) 309-332; 95(3-4) 225-243
Zimbabwe 55(1-4) 33-45; 55(1-4) 259-277; 55(1-4) 407-427; 81(3-4) 179-196

granite gneiss
Africa 93(4) 299-337
Algeria 65(1-4) 155-166
Antarctica 63(3-4) 273-291
Appalachians 99(1-2) 113-146
Bolivia 94(1-2) 73-99
Brazil 65(1-4) 25-54; 72(3-4) 235-245
Chile 94(1-2) 73-99
India 65(1-4) 319-339; 72(3-4) 283-299
Mexico 94(1-2) 73-99
New York 57(1-2) 1-19
Northern Territory Australia 71(1-4) 17-43
South Africa 55(1-4) 81-92
Texas 94(1-2) 73-99
Western Australia 83(1-3) 11-42; 83(1-3) 109-132; 83(1-3) 203-219

granulites 51(1-4) 161-172; 55(1-4) 297-301; 55(1-4) 399-405
Antarctica 65(1-4) 277-295; 75(3-4) 141-156; 75(3-4) 157-174; 75(3-4) 251-262
Australia 55(1-4) 491-506; 66(1-4) 309-323
Baltic region 64(1-4) 289-294
Belarus 68(3-4) 231-240
Bolivia 94(1-2) 73-99
Brazil 53(1-2) 1-22; 97(1-2) 3-26
Chile 94(1-2) 73-99
China 59(3-4) 207-223; 67(1-2) 37-57
Estonia 68(3-4) 231-240
Finland 64(1-4) 85-108
India 66(1-4) 393-409; 70(3-4) 269-280; 87(1-2) 75-85; 98(1-2) 129-150
Ivory Coast 86(3-4) 177-199
Labrador 99(1-2) 65-90
Malawi 85(1-2) 27-51
Mexico 94(1-2) 73-99; 96(3-4) 245-262
Mozambique 62(1-2) 1-59
New Hampshire 55(1-4) 209-241
New York 96(3-4) 245-262
Newfoundland 99(1-2) 65-90
Northern Territory Australia 71(1-4) 155-181; 72(1-2) 43-67
Norway 64(1-4) 347-360
Ontario 92(2) 117-128
Russian Federation 62(4) 431-451; 62(4) 473-491; 64(1-4) 85-108
Saskatchewan 61(1-2) 27-50
Scandinavia 64(1-4) 289-294
South Africa 55(1-4) 1-587; 55(1-4) 69-80; 55(1-4) 81-92; 55(1-4) 111-122; 55(1-4) 169-172; 55(1-4) 201-207; 55(1-4) 279-296; 55(1-4) 303-319; 55(1-4) 337-352; 55(1-4) 353-364; 55(1-4) 525-538; 55(1-4) 553-570; 82(1-2) 113-132; 96(3-4) 263-288
South Australia 71(1-4) 155-181
Sri Lanka 66(1-4) 245-263; 70(3-4) 269-280; 75(3-4) 263-277
Sweden 64(1-4) 347-360; 64(1-4) 361-388; 79(3-4) 239-259; 92(4) 319-339
Tanzania 93(1) 119-137
Texas 94(1-2) 73-99
Western Australia 68(3-4) 307-321; 96(1-2) 125-139
Zimbabwe 55(1-4) 1-587; 55(1-4) 69-80; 55(1-4) 169-172; 55(1-4) 201-207; 55(1-4) 353-364; 55(1-4) 553-570; 70(3-4) 191-213; 91(3-4) 269-285

greenstone
Africa 78(1-3) 105-124; 96(1-2) 141-142
Arctic Ocean 64(1-4) 131-152
Brazil 81(3-4) 299-310
Canada 83(1-3) 1-10
China 93(2-3) 181-199
India 59(1-2) 145-170; 80(3-4) 205-216; 91(1-2) 15-39
Manitoba 80(1-2) 107-124
Niger 70(3-4) 281-301
Northwest Territories 58(1-4) 1-24
Ontario 81(3-4) 223-239
Russian Federation 54(2-4) 195-210; 58(1-4) 427-446; 91(3-4) 333-363
South Africa 52(3-4) 301-319; 55(1-4) 1-5; 55(1-4) 69-80; 55(1-4) 93-110; 55(1-4) 111-122; 55(1-4) 169-172; 55(1-4) 553-570; 82(1-2) 113-132; 91(1-2) 65-90
Swaziland 67(1-2) 109-139
tectonophysics 91(1-2) 143-179
Western Australia 52(3-4) 245-273; 54(2-4) 211-229; 62(3) 343-365; 78(1-3) 179-196; 78(4) 237-260; 80(1-2) 89-105; 83(1-3) 1-10; 83(1-3) 1-219; 83(1-3) 11-42; 83(1-3) 43-56; 83(1-3) 57-81; 83(1-3) 83-107; 83(1-3) 109-132; 83(1-3) 133-183; 83(1-3) 185-201; 83(1-3) 203-219; 88(1-4) 109-142; 88(1-4) 207-231; 88(1-4) 233-247; 91(1-2) 15-39; 91(1-2) 181-227; 94(1-2) 11-28; 97(3-4) 165-189
Zimbabwe 55(1-4) 1-5; 55(1-4) 69-80; 55(1-4) 169-172; 55(1-4) 259-277; 55(1-4) 553-570

hornfels
Finland 51(1-4) 193-225
Labrador 51(1-4) 193-225
Newfoundland 51(1-4) 193-225
Northern Territory Australia 78(4) 211-235
India 70(1-2) 167-168; 78(4) 297-298
gold ores 59(3-4) 327-328

khondalite
China 59(3-4) 207-223
India 55(1-4) 469-489; 66(1-4) 393-409
Sri Lanka 66(1-4) 245-263

marbles, Sri Lanka 66(1-4) 183-198
meta-anorthosite, Brazil 68(3-4) 241-255

metabasalt
Antarctica 75(3-4) 121-139
Morocco 53(1-2) 79-97
Russian Federation 62(4) 375-397; 62(4) 399-417; 62(4) 507-525; 91(3-4) 333-363
Sweden 72(3-4) 199-225

metabasite
Afghanistan 98(3-4) 223-241
India 61(1-2) 165-168
South Africa 77(3-4) 243-271
Spain 56(1-2) 113-137

metadacite
Belarus 68(3-4) 231-240
Estonia 68(3-4) 231-240

metadiabase
Cameroon 67(3-4) 321-347
Greenland 62(3) 239-270
Ontario 85(3-4) 117-146
Scotland 62(3) 239-270

metagabbro
Norway 52(1-2) 97-113; 53(3-4) 305, 97-113
South Africa 55(1-4) 1-5
Zimbabwe 55(1-4) 1-5

metagranite
Appalachians 99(1-2) 113-146
North Carolina 68(1-2) 81-95
Sweden 98(1-2) 151-171
Virginia 68(1-2) 81-95

metagraywacke
Canada 91(3-4) 383-399
Canadian Shield 62(3) 285-305
Greenland 91(3-4) 383-399

India 84(3-4) 117-138
metaigneous rocks
Antarctic Ocean 89(3-4) 175-205
Antarctica 75(3-4) 157-174
Israel 98(1-2) 107-127
metakomatiite
Greenland 94(1-2) 101-120
Labrador 93(4) 281-297
Newfoundland 93(4) 281-297
Russian Federation 62(4) 399-417; 91(3-4) 333-363
metapelite
Afghanistan 98(3-4) 223-241
Brazil 97(1-2) 3-26
China 67(1-2) 37-57
India 66(1-4) 393-409
Labrador 99(1-2) 65-90
Newfoundland 99(1-2) 65-90
South Africa 55(1-4) 303-319; 55(1-4) 327-336
Spain 56(1-2) 113-137
Sri Lanka 66(1-4) 265-294
metaperidotite, Greenland 94(1-2) 101-120
metaplutonic rocks, Sweden 98(1-2) 151-171
metapyroxenite, India 84(3-4) 181-196
metasandstone, China 67(1-2) 37-57
metasedimentary rocks
Algeria 65(1-4) 155-166
Arabian Peninsula 86(1-2) 45-58
Brazil 81(3-4) 299-310
China 56(1-2) 1-31
Ethiopia 77(3-4) 179-210
Finland 64(1-4) 109-130
Ghana 56(1-2) 97-111
Greenland 93(1) 87-104
India 72(3-4) 283-299; 77(1-2) 117-130; 93(2-3) 139-151; 99(3-4) 149-169
Israel 98(1-2) 107-127
Manitoba 92(1) 37-64
Montana 91(3-4) 295-307
Norway 72(1-2) 97-107; 87(3-4) 117-135
Ontario 52(1-2) 53-69; 81(3-4) 155-178; 85(1-2) 97-113
Quebec 61(1-2) 51-66; 68(3-4) 183-200
Red Sea region 86(1-2) 45-58
Russian Federation 72(1-2) 97-107
Saskatchewan 92(1) 37-64
South Africa 78(1-3) 125-138; 95(3-4) 225-243
South Australia 56(3-4) 211-226
Sweden 64(1-4) 109-130; 87(3-4) 117-135
Western Australia 68(1-2) 43-64; 78(1-3) 179-196; 83(4) 243-265; 95(3-4) 225-243; 96(3-4) 143-181
Wyoming 91(3-4) 295-307
metatuff, Romania 80(3-4) 281-301
metavolcanic rocks
Antarctica 75(3-4) 231-250
Arctic Ocean 64(1-4) 131-152
Brazil 81(3-4) 299-310
China 56(1-2) 1-31
Ethiopia 96(1-2) 101-124
Ghana 56(1-2) 97-111; 98(1-2) 11-30
Himalayas 56(3-4) 191-210
India 59(1-2) 145-170; 67(3-4) 181-206; 68(1-2) 169-173; 68(1-2) 175-178; 76(1-2) 115-116; 76(1-2) 117-118; 80(3-4) 205-216
Korea 89(1-2) 47-57
Morocco 53(1-2) 79-97; 62(3) 367-371
Ontario 52(1-2) 53-69; 65(1-4) 183-205; 81(3-4) 155-178; 85(1-2) 97-113
Papua New Guinea 65(1-4) 183-205
Quebec 61(1-2) 51-66
Russian Federation 58(1-4) 121-141
Saskatchewan 70(1-2) 145-164
Sudan 53(1-2) 99-118
Sweden 70(3-4) 235-251
Western Australia 83(4) 221-242
migmatites
Arabian Peninsula 86(1-2) 45-58
Arctic region 70(3-4) 215-234
Brazil 53(1-2) 1-22; 78(1-3) 151-164
Cameroon 62(3) 191-205
Finland 64(1-4) 295-309
France 51(1-4) 393-427
India 66(1-4) 393-409; 91(1-2) 41-63
Labrador 63(1-2) 123-142
Mozambique 62(1-2) 1-59
Newfoundland 63(1-2) 123-142
Ontario 85(1-2) 97-113; 92(2) 117-128
Red Sea region 86(1-2) 45-58
Russian Federation 62(4) 431-451
South Africa 55(1-4) 81-92
South Australia 94(3-4) 205-224
Spitsbergen 70(3-4) 215-234
Sri Lanka 66(1-4) 39-57
Sweden 75(1-2) 17-29; 98(1-2) 151-171
Ukraine 78(1-3) 65-78
Western Australia 78(1-3) 165-178
mylonites
Antarctica 75(3-4) 251-262
Brazil 99(1-2) 1-32
India 78(4) 261-272; 91(1-2) 15-39
Manitoba 68(1-2) 1-21
Northern Territory Australia 71(1-4) 207-227
Ontario 77(1-2) 41-57
South Africa 86(1-2) 71-92; 96(3-4) 263-288
Sweden 72(3-4) 199-225
Western Australia 91(1-2) 15-39
orthogneiss
Africa 93(4) 299-337
Antarctica 63(1-2) 1-26; 75(3-4) 175-188
Arabian Peninsula 86(1-2) 45-58
Bolivia 94(1-2) 73-99
Canadian Shield 65(1-4) 115-153
Chile 94(1-2) 73-99
Greenland 62(3) 239-270; 63(3-4) 293-323
Ivory Coast 86(3-4) 177-199
Labrador 63(3-4) 293-323
Mexico 94(1-2) 73-99
Newfoundland 63(3-4) 293-323
Northern Territory Australia 71(1-4) 207-227
Norway 72(1-2) 97-107
Ontario 72(3-4) 263-281
Quebec 72(3-4) 263-281
Red Sea region 86(1-2) 45-58
Russian Federation 54(2-4) 195-210; 72(1-2) 97-107
Scotland 62(3) 239-270
Sri Lanka 66(1-4) 3-18; 66(1-4) 21-37; 66(1-4) 95-110; 66(1-4) 123-149
Sweden 79(3-4) 227-237; 79(3-4) 261-279
Texas 94(1-2) 73-99
Zimbabwe 70(3-4) 191-213
paragneiss
Antarctica 75(3-4) 175-188
Europe 64(1-4) 207-223
Greenland 57(1-2) 49-90; 62(3) 239-270
Manitoba 72(1-2) 147-167
Mexico 96(3-4) 245-262
New York 96(3-4) 245-262
Northern Territory Australia 71(1-4) 207-227
Ontario 72(3-4) 263-281
Quebec 72(3-4) 263-281
Saskatchewan 72(1-2) 147-167
Scotland 62(3) 239-270
Sri Lanka 66(1-4) 21-37; 66(1-4) 95-110; 66(1-4) 123-149
petroleum 85(1-2) 115-116
phyllites
China 76(1-2) 67-76
Zimbabwe 77(3-4) 161-178
phyllonites, Virginia 59(1-2) 33-42
plate tectonics 78(4) 299-301
pseudotachylite
Antarctica 65(1-4) 277-295
Northern Territory Australia 71(1-4) 155-181
South Australia 71(1-4) 155-181
quartzites
Brazil 68(1-2) 139-167
Finland 64(1-4) 109-130
India 70(1-2) 93-112
Russian Federation 78(4) 197-210
Saskatchewan 95(3-4) 187-223
Sri Lanka 66(1-4) 151-181
Sweden 64(1-4) 109-130
schists
Afghanistan 98(3-4) 223-241

Antarctica 75(3-4) 209-229
Brazil 68(1-2) 139-167; 70(3-4) 253-268; 86(3-4) 155-176
Ethiopia 62(3) 307-322
India 61(1-2) 137-164; 83(4) 267-290; 87(1-2) 75-85
Morocco 70(1-2) 25-44
Mozambique 62(3) 307-322
Northern Territory Australia 78(4) 211-235
Ontario 74(1-2) 73-89
Russian Federation 62(4) 399-417
South Africa 55(1-4) 81-92
Ukraine 78(1-3) 65-78
Zimbabwe 81(3-4) 179-196
serpentinite
Africa 61(1-2) 67-88
Ethiopia 62(3) 307-322
Mozambique 62(3) 307-322
South Africa 67(1-2) 159-180
slates
China 76(1-2) 67-76
Northern Territory Australia 78(4) 211-235
South Africa 55(1-4) 429-449
structural geology 55(1-4) 173-186
South Australia 78(4) 298-299
tectonophysics 70(1-2) 166-167
tourmalinite, Greenland 72(3-4) 227-234
ultramylonite, Western Australia 88(1-4) 233-247
Zimbabwe 55(1-4) 429-449
structural geology 55(1-4) 173-186
metamorphism *see also* anatexis; greenschist facies; P-T-t paths
82(3-4) 237-263
Africa, sedimentary petrology 67(3-4) 243-276
Antarctica 75(3-4) 141-156
geochronology 75(3-4) 175-188
Mesozoic 75(3-4) 251-262
structural geology 63(3-4) 273-291
Arctic Ocean, structural geology 64(1-4) 131-152
Atlantic region, plate tectonics 69(1-4) 169-191
Belarus, tectonophysics 68(3-4) 231-240
Bolivia 94(1-2) 73-99
Brazil
metal ores 58(1-4) 195-214
structural geology 79(3-4) 347-361
tectonophysics 53(1-2) 1-22; 99(3-4) 255-269
burial metamorphism, Nebraska 76(1-2) 47-65
Burundi 68(3-4) 323-356
Canada
structural geology 91(1-2) 91-107
tectonics 90(1-2) 85-101
Canadian Shield
geochemistry 67(3-4) 207-241; 94(3-4) 139-173
structural geology 68(3-4) 291-306
Chile 94(1-2) 73-99
contact metamorphism
Brazil 51(1-4) 283-314; 59(3-4) 263-282
Finland 51(1-4) 193-225; 51(1-4) 265-281
Labrador 51(1-4) 193-225; 75(1-2) 91-118
Newfoundland 51(1-4) 193-225; 75(1-2) 91-118
Northern Territory Australia 77(3-4) 211-229
Quebec 79(3-4) 327-346
South Africa 59(1-2) 43-71; 79(1-2) 37-55; 79(1-2) 171-194
Sweden 51(1-4) 265-281
tectonophysics 91(1-2) 143-179
Estonia, tectonophysics 68(3-4) 231-240
Europe
Proterozoic 82(3-4) 311-348
tectonophysics 64(1-4) 169-187
Finland
isostasy 86(1-2) 21-44
tectonophysics 64(1-4) 85-108
Ghana, gold ores 89(3-4) 129-143
Greenland 63(3-4) 293-323; 72(3-4) 227-234
geochemistry 94(1-2) 101-120
tectonophysics 91(3-4) 365-381
high-grade metamorphism 55(1-4) 47-49
Africa 93(4) 299-337
Antarctic Ocean 75(3-4) 189-207
Antarctica 63(1-2) 1-26; 75(3-4) 121-139; 86(1-2) 1-19; 93(2-3) 235-258
Arabian Peninsula 86(1-2) 45-58
Australia 66(1-4) 309-323; 81(1-2) 37-66
Brazil 59(1-2) 125-143; 68(3-4) 241-255; 77(1-2) 23-40; 93(2-3) 153-180
Cameroon 62(3) 191-205; 67(3-4) 321-347
Canadian Shield 63(3-4) 325-347
China 78(1-3) 95-103
Ethiopia 77(3-4) 179-210; 80(3-4) 261-279
Finland 59(3-4) 171-205
Greenland 62(3) 239-270
India 76(1-2) 31-46; 98(1-2) 129-150; 99(3-4) 149-169
Labrador 80(3-4) 239-260; 81(1-2) 101-128; 93(4) 281-297
Manitoba 68(1-2) 1-21
Mexico 96(3-4) 245-262
Namibia 92(4) 341-363
New Hampshire 55(1-4) 209-241
New South Wales Australia 71(1-4) 251-263; 90(3-4) 203-238
New York 96(3-4) 245-262
Newfoundland 80(3-4) 239-260; 81(1-2) 101-128; 93(4) 281-297
Northern Territory Australia 71(1-4) 91-105; 71(1-4) 155-181
Norway 52(1-2) 97-113; 64(1-4) 389-402
Ontario 82(3-4) 265-285; 92(4) 365-387
Quebec 92(2) 145-164
Red Sea region 86(1-2) 45-58
Russian Federation 62(4) 473-491; 62(4) 493-505; 62(4) 507-525
Saskatchewan 61(1-2) 27-50; 95(3-4) 187-223
Scotland 62(3) 239-270
South Africa 55(1-4) 7-16; 55(1-4) 111-122; 55(1-4) 169-172; 55(1-4) 201-207; 55(1-4) 321-325; 55(1-4) 539-552; 87(1-2) 87-115; 95(3-4) 225-243
South Australia 71(1-4) 155-181
Sri Lanka 66(1-4) 1-409; 66(1-4) 3-18; 66(1-4) 21-37; 66(1-4) 59-76; 66(1-4) 95-110; 66(1-4) 111-121; 66(1-4) 123-149; 66(1-4) 151-181
Uruguay 93(2-3) 153-180
Western Australia 68(3-4) 307-321; 83(1-3) 203-219; 95(3-4) 225-243
Zimbabwe 55(1-4) 7-16; 55(1-4) 169-172; 55(1-4) 201-207; 55(1-4) 321-325; 55(1-4) 539-552; 87(1-2) 87-115
India 70(1-2) 167-168; 91(1-2) 41-63
geochronology 94(3-4) 251-271
metal ores 77(1-2) 117-130
plate tectonics 70(3-4) 269-280
structural geology 72(3-4) 283-299
isostasy 92(4) 387-412
Israel 98(1-2) 107-127
Ivory Coast, tectonics 86(3-4) 177-199
Labrador 63(3-4) 293-323
Proterozoic 99(1-2) 65-90
structural geology 70(3-4) 169-190
tectonics 63(1-2) 123-142
low-grade metamorphism
Africa 61(1-2) 67-88
Benin 82(3-4) 191-209
Burkina Faso 80(3-4) 153-172
China 78(1-3) 95-103
Ethiopia 77(3-4) 179-210; 96(1-2) 101-124
South Africa 54(2-4) 231-256; 55(1-4) 111-122; 55(1-4) 123-153; 55(1-4) 539-552; 79(1-2) 37-55
Spain 53(3-4) 267-279
Western Australia 54(2-4) 231-256; 65(1-4) 297-317; 83(1-3) 203-219
Zimbabwe 55(1-4) 539-552
Malawi 85(1-2) 27-51

Mexico 94(1-2) 73-99
Montana, tectonics 55(1-4) 155-168
Newfoundland 63(3-4) 293-323
  Proterozoic 99(1-2) 65-90
  structural geology 70(3-4) 169-190
  tectonics 63(1-2) 123-142
Northern Territory Australia
  geochronology 71(1-4) 207-227
  metal ores 78(4) 211-235
  Proterozoic 71(1-4) 3-15
Norway 53(3-4) 305, 97-113
  geochronology 90(3-4) 159-185
Ontario 72(3-4) 263-281
  deformation 93(1) 51-70
  folds 85(3-4) 117-146
  geochemistry 52(3-4) 347-380; 59(3-4) 283-313
  metal ores 61(3-4) 279-293
  plate tectonics 91(3-4) 433-444
  stratigraphy 86(3-4) 201-223
plate tectonics 78(4) 299-301; 82(1-2) 101-112
polymetamorphism
  Antarctic Ocean 75(3-4) 189-207
  Antarctica 75(3-4) 157-174; 75(3-4) 209-229
  Appalachians 99(1-2) 113-146
  China 67(1-2) 37-57
  Finland 59(3-4) 171-205
  India 65(1-4) 319-339; 83(4) 267-290
  Northern Territory Australia 77(3-4) 211-229
  South Africa 87(1-2) 87-115
  Sweden 64(1-4) 361-388
  Zimbabwe 87(1-2) 87-115
prograde metamorphism
  Afghanistan 98(3-4) 223-241
  Africa 69(1-4) 199-227
  Brazil 68(3-4) 241-255
  China 67(1-2) 37-57; 72(3-4) 185-197
  Namibia 55(1-4) 243-257
  South Africa 55(1-4) 7-16; 55(1-4) 69-80; 55(1-4) 201-207; 55(1-4) 279-296; 55(1-4) 337-352; 55(1-4) 539-552
  South America 69(1-4) 199-227
  Sri Lanka 66(1-4) 245-263; 66(1-4) 265-294; 66(1-4) 325-349
  Zimbabwe 55(1-4) 7-16; 55(1-4) 69-80; 55(1-4) 201-207; 55(1-4) 539-552
Quebec 72(3-4) 263-281
Queensland Australia, geochronology 71(1-4) 131-153
regional metamorphism 55(1-4) 399-405
  Antarctica 75(3-4) 231-250
  Australia 81(1-2) 37-66
  Brazil 99(1-2) 1-32
  Finland 59(3-4) 171-205
  Greenland 78(1-3) 1-39
  Ontario 53(3-4) 199-231; 74(1-2) 73-89; 77(1-2) 41-57; 89(1-2) 25-45; 91(3-4) 287-294; 91(3-4) 445-454; 92(2) 117-128
  South Africa 63(1-2) 27-41; 79(1-2) 171-194
  Sri Lanka 66(1-4) 3-18; 66(1-4) 123-149
  Western Australia 65(1-4) 297-317; 83(1-3) 11-42
retrograde metamorphism
  Afghanistan 98(3-4) 223-241
  Africa 61(1-2) 67-88
  Australia 55(1-4) 491-506
  Brazil 97(1-2) 3-26
  China 93(2-3) 181-199
  Greenland 86(1-2) 59-70
  Northern Territory Australia 71(1-4) 45-68; 71(1-4) 315-346; 72(1-2) 43-67
  Northwest Territories 93(1) 27-49
  Quebec 61(1-2) 51-66; 90(1-2) 59-83; 93(1) 27-49
  Romania 80(3-4) 281-301
  Russian Federation 62(4) 419-430
  South Africa 55(1-4) 7-16; 55(1-4) 69-80; 55(1-4) 169-172; 55(1-4) 303-319; 55(1-4) 321-325; 55(1-4) 327-336; 55(1-4) 337-352; 55(1-4) 353-364; 55(1-4) 365-397; 55(1-4) 429-449; 55(1-4) 539-552; 82(1-2) 113-132
  South Australia 79(3-4) 281-305
  Sri Lanka 66(1-4) 3-18; 66(1-4) 21-37; 66(1-4) 39-57; 66(1-4) 265-294; 66(1-4) 325-349; 66(1-4) 351-377
  Western Australia 75(1-2) 47-63
  Zimbabwe 55(1-4) 7-16; 55(1-4) 69-80; 55(1-4) 169-172; 55(1-4) 259-277; 55(1-4) 321-325; 55(1-4) 353-364; 55(1-4) 429-449; 55(1-4) 539-552
Russian Federation 62(4) 399-417
  crust 91(3-4) 333-363
  plate tectonics 64(1-4) 3-21; 89(1-2) 1-23
  tectonophysics 64(1-4) 85-108
South Africa 55(1-4) 1-5; 55(1-4) 33-45; 70(3-4) 303-335; 78(1-3) 139-150
  geochemistry 55(1-4) 451-467
  metal ores 61(3-4) 279-293; 77(3-4) 243-271
  structural geology 55(1-4) 51-67; 55(1-4) 93-110; 55(1-4) 525-538; 55(1-4) 553-570; 96(3-4) 263-288
  tectonophysics 97(3-4) 303-323
Spain, structural geology 56(1-2) 113-137
Sri Lanka
  geochemistry 66(1-4) 183-198; 66(1-4) 199-220; 66(1-4) 223-244
  plate tectonics 66(1-4) 77-91; 70(3-4) 269-280
  structural geology 75(3-4) 263-277
Sweden 76(1-2) 15-30
  isostasy 86(1-2) 21-44
  metal ores 58(1-4) 143-167
  plate tectonics 67(1-2) 141-158
  structural geology 70(1-2) 67-91; 94(1-2) 29-48; 98(1-2) 151-171; 98(3-4) 173-195
  tectonophysics 69(1-4) 61-79
Tanzania 74(4) 195-202
Texas 94(1-2) 49-72; 94(1-2) 73-99
thermal metamorphism
  Korea 89(1-2) 47-57
  New South Wales Australia 90(3-4) 203-238
  Saskatchewan 70(1-2) 145-164
Ukraine 78(1-3) 65-78
ultrametamorphism, Russian Federation 62(4) 431-451
Western Australia
  Archean 52(3-4) 275-300
  geochemistry 83(1-3) 133-183
  gold ores 88(1-4) 249-265
  metal ores 90(3-4) 119-140; 96(3-4) 143-181
  Proterozoic 71(1-4) 3-15
  stratigraphy 60(1-4) 47-67
  structural geology 62(3) 343-365; 85(3-4) 147-171; 90(3-4) 141-158
Wyoming, tectonics 55(1-4) 155-168
Zambia, uranium ores 58(1-4) 215-240
Zimbabwe 55(1-4) 1-5; 55(1-4) 33-45; 55(1-4) 407-427
  Archean 91(3-4) 269-285
  deformation 70(3-4) 191-213
  geochemistry 55(1-4) 451-467
  stratigraphy 77(3-4) 161-178
  structural geology 55(1-4) 553-570
metanorite
  India, petrology 83(4) 267-290
metapelite
  Afghanistan 98(3-4) 223-241
  Brazil, structural geology 97(1-2) 3-26
  China, structural geology 67(1-2) 37-57
  India 66(1-4) 393-409
  Labrador, Proterozoic 99(1-2) 65-90
  Newfoundland, Proterozoic 99(1-2) 65-90
  South Africa 55(1-4) 303-319; 55(1-4) 327-336
  Spain, structural geology 56(1-2) 113-137
  Sri Lanka 66(1-4) 265-294
metaperidotite
  Greenland, geochemistry 94(1-2) 101-120
metaplutonic rocks
  Sweden, structural geology 98(1-2) 151-171
metapyroxenite
  India 84(3-4) 181-196

metasandstone
China, structural geology 67(1-2) 37-57
metasedimentary rocks *see also* khondalite; metagraywacke; metapelite; paragneiss; turbidite
Algeria 65(1-4) 155-166
Arabian Peninsula 86(1-2) 45-58
Brazil, tectonophysics 81(3-4) 299-310
China 56(1-2) 1-31
Ethiopia, structural geology 77(3-4) 179-210
Finland, Precambrian 64(1-4) 109-130
Ghana, tectonophysics 56(1-2) 97-111
Greenland, structural geology 93(1) 87-104
India
geochronology 93(2-3) 139-151
metal ores 77(1-2) 117-130
structural geology 72(3-4) 283-299
tectonophysics 99(3-4) 149-169
Israel 98(1-2) 107-127
Manitoba, geochemistry 92(1) 37-64
Montana, Archean 91(3-4) 295-307
Norway
Proterozoic 87(3-4) 117-135
tectonophysics 72(1-2) 97-107
Ontario 81(3-4) 155-178
geochemistry 52(1-2) 53-69; 85(1-2) 97-113
Quebec
foliation 68(3-4) 183-200
structural geology 61(1-2) 51-66
Red Sea region 86(1-2) 45-58
Russian Federation, tectonophysics 72(1-2) 97-107
Saskatchewan, geochemistry 92(1) 37-64
South Africa 78(1-3) 125-138
geochronology 95(3-4) 225-243
South Australia, metal ores 56(3-4) 211-226
Sweden
Precambrian 64(1-4) 109-130
Proterozoic 87(3-4) 117-135
Western Australia 83(4) 243-265
geochronology 95(3-4) 225-243
metal ores 96(3-4) 143-181
structural geology 68(1-2) 43-64; 78(1-3) 179-196
Wyoming, Archean 91(3-4) 295-307
metasomatic rocks
greisen
Finland 51(1-4) 265-281
Sweden 51(1-4) 265-281
serpentinite
Africa 61(1-2) 67-88
Ethiopia 62(3) 307-322
Mozambique 62(3) 307-322
South Africa 67(1-2) 159-180
skarn
Finland 51(1-4) 265-281
Ontario 84(1-2) 17-36
Sweden 51(1-4) 265-281
metasomatism *see also* silicification
albitization
Burundi 68(3-4) 323-356
Cameroon 62(3) 191-205
metal ores 58(1-4) 387-400
Ontario 84(1-2) 17-36
Canadian Shield
Archean 97(1-2) 77-97
geochemistry 76(3-4) 155-190; 96(1-2) 83-99
chloritization, metal ores 58(1-4) 387-400
Finland, metal ores 51(1-4) 265-281
hydrothermal alteration
Antarctica 75(3-4) 209-229
Canada 58(1-4) 355-386
Gabon 77(3-4) 143-159
Ghana 89(3-4) 129-143
Greenland 82(3-4) 177-189
India 58(1-4) 71-83
metal ores 58(1-4) 387-400
Ontario 74(1-2) 73-89
South Africa 74(1-2) 1-33
South Australia 79(3-4) 281-305
Sweden 54(2-4) 109-130
United States 58(1-4) 355-386
Western Australia 60(1-4) 47-67; 80(1-2) 49-76
India 65(1-4) 167-181; 91(1-2) 41-63
geochemistry 76(1-2) 77-91; 84(1-2) 105-111
Missouri 51(1-4) 245-263
Northern Territory Australia
Proterozoic 71(1-4) 265-299
stratigraphy 72(1-2) 1-41
structural geology 72(1-2) 43-67
Norway, tectonophysics 64(1-4) 403-417
Ontario, stratigraphy 86(3-4) 201-223
Queensland Australia, stratigraphy 72(1-2) 1-41
South Africa, structural geology 55(1-4) 123-153
spilitization, metal ores 58(1-4) 387-400
Sweden, metal ores 51(1-4) 265-281
Western Australia, Archean 65(1-4) 297-317
metatholeiite
Finland, petrology 59(3-4) 171-205
Russian Federation, inclusions 62(4) 507-525
Sweden, petrology 52(3-4) 215-230
metatuff
Romania, orogeny 80(3-4) 281-301
metaturbidite *see* turbidite
metavolcanic rocks
Antarctica, orogeny 75(3-4) 231-250
Arctic Ocean, structural geology 64(1-4) 131-152
Brazil, tectonophysics 81(3-4) 299-310
China 56(1-2) 1-31
Ethiopia, geochemistry 96(1-2) 101-124
Ghana
geochemistry 98(1-2) 11-30
tectonophysics 56(1-2) 97-111
Himalayas, Archean 56(3-4) 191-210
India
geochemistry 67(3-4) 181-206; 76(1-2) 115-116; 76(1-2) 117-118
geochronology 59(1-2) 145-170; 68(1-2) 169-173; 68(1-2) 175-178; 80(3-4) 205-216
Korea 89(1-2) 47-57
Morocco 53(1-2) 79-97
geochemistry 62(3) 367-371
Ontario 81(3-4) 155-178
geochemistry 52(1-2) 53-69; 85(1-2) 97-113
tectonophysics 65(1-4) 183-205
Papua New Guinea, tectonophysics 65(1-4) 183-205
Quebec, structural geology 61(1-2) 51-66
Russian Federation, metal ores 58(1-4) 121-141
Saskatchewan 70(1-2) 145-164
Sudan, plate tectonics 53(1-2) 99-118
Sweden, structural geology 70(3-4) 235-251
Western Australia 83(4) 221-242
Metazoa
Western Australia, stratigraphy 67(1-2) 1-10
meteorites
mantle 91(3-4) 233-252
South Africa, lava 78(1-3) 125-138
methane
Brazil, diagenesis 70(3-4) 253-268
South Australia, metal ores 79(3-4) 281-305
Mexico
metamorphism, Hidalgo Mexico 94(1-2) 73-99
Proterozoic 96(3-4) 245-262
Mg *see* magnesium
mica group *see also* biotite; glauconite; muscovite; phlogopite; sericite
Antarctica, metamorphic rocks 93(2-3) 235-258
Michael Gabbro
Proterozoic 99(1-2) 65-90
Michigan *see* Lake Superior region; Nonesuch Shale
Michipicoten Belt
Archean 76(3-4) 191-211
geochemistry 76(3-4) 119-153; 76(3-4) 155-190

Michipicoten Formation
stratigraphy 96(1-2) 63-82
micrite
China, paleobotany 96(3-4) 183-208
microbial mats *see* algal mats
Microcoleus
Invertebrata 96(1-2) 25-39
microseismicity *see* seismicity
Mid-continent Rift *see* Keweenawan Rift
mid-ocean ridge basalts
Benin 82(3-4) 191-209
Canadian Shield
crust 99(3-4) 197-224
geochemistry 92(2) 89-116; 94(3-4) 139-173
China, plate tectonics 81(1-2) 129-144
Finland 59(3-4) 171-205
tectonophysics 82(1-2) 13-34
India, geochemistry 76(1-2) 77-91; 84(1-2) 105-111
Morocco, geochemistry 62(3) 367-371
Nebraska, paleomagnetism 76(1-2) 47-65
Northern Territory Australia, tectonophysics 65(1-4) 71-94
Norway, geochemistry 82(3-4) 287-309
Russian Federation, tectonophysics 82(1-2) 133-151
South Africa, tectonophysics 97(3-4) 303-323
Sweden, geochemistry 82(3-4) 287-309
United States, tectonophysics 65(1-4) 71-94
Western Australia, structural geology 83(1-3) 83-107
Midcontinent Rift System *see* Keweenawan Rift
middle crust
Brazil, structural geology 77(1-2) 1-15
Middle East *see also* Iran; Israel; Jordan
geochemistry, Wadi Araba 56(1-2) 51-72
Middle West (United States) *see* Midwest
Middleburg Quadrangle
petrology 59(1-2) 33-42
Midwest
metasomatism 51(1-4) 245-263
migmatites
Arabian Peninsula 86(1-2) 45-58
Arctic region 70(3-4) 215-234
Brazil 78(1-3) 151-164
tectonophysics 53(1-2) 1-22
Cameroon 62(3) 191-205
Finland, structural geology 64(1-4) 295-309
France 51(1-4) 393-427
India 66(1-4) 393-409; 91(1-2) 41-63
Labrador, tectonics 63(1-2) 123-142
Mozambique, tectonics 62(1-2) 1-59
Newfoundland, tectonics 63(1-2) 123-142
Ontario 92(2) 117-128
geochemistry 85(1-2) 97-113
Red Sea region 86(1-2) 45-58
Russian Federation 62(4) 431-451
South Africa 55(1-4) 81-92
South Australia, Proterozoic 94(3-4) 205-224
Spitsbergen 70(3-4) 215-234
Sri Lanka, structural geology 66(1-4) 39-57
Sweden, structural geology 75(1-2) 17-29; 98(1-2) 151-171
Ukraine 78(1-3) 65-78
Western Australia 78(1-3) 165-178
Minas Gerais Brazil *see also* Ouro Preto Brazil; Quadrilatero Ferrifero
geochemistry 89(1-2) 87-100
metal ores 58(1-4) 195-214
stratigraphy 99(3-4) 179-196
structural geology 77(1-2) 1-15
Minas Series
72(3-4) 235-245
deformation 65(1-4) 25-54
gold ores 68(1-2) 139-167
structural geology 90(1-2) 29-58
Mineiro Belt
tectonophysics 53(1-2) 1-22
mineral chemistry *see* crystal chemistry
mineral deposits, genesis *see also* besshi-type deposits; epigene processes; exhalative processes; hydrothermal alteration; magmatism; mesothermal processes; metallogenic provinces; metallogeny; metasomatism; mississippi valley-type deposits; ore-forming fluids; paragenesis; placers; quartz veins; sedimentation; stockwork deposits; syngenesis; volcanism
Colorado, metal ores 61(3-4) 231-240
metal ores 61(3-4) 169-322
Ontario, metal ores 61(3-4) 279-293
South Africa
gold ores 95(3-4) 167-185
metal ores 61(3-4) 279-293
Sweden, geochemistry 64(1-4) 319-335
Western Australia, metal ores 88(1-4) 67-82
mineral exploration
metal ores 97(1-2) 1-2
mineral inclusions
China 93(2-3) 181-199
India 83(4) 267-290
Labrador 93(4) 281-297
Newfoundland 93(4) 281-297
Sri Lanka 66(1-4) 265-294
Western Australia, geochemistry 83(1-3) 133-183
mineral resources *see also* mineral deposits, genesis
54(2-4) 321-323
India 97(1-2) 135-136
mineral sequence *see* paragenesis
mineralogy *see* borates; carbonates; nesosilicates; phosphates; sulfates; sulfides
mining geology
Colorado, metal ores 61(3-4) 231-240
Mink Lake Volcanics
Archean 97(1-2) 77-97
Minnesota *see also* Animikie Group; Gunflint Iron Formation; Lake Superior region; Thomson Formation
metal ores, Duluth Complex 58(1-4) 355-386
Minto Block
geochemistry 65(1-4) 115-153; 91(1-2) 109-142
structural geology 93(1) 27-49
miogeosynclines
Russian Federation, intrusions 62(4) 493-505
mirrorstone *see* muscovite
Mishibishu Belt
Archean 76(3-4) 191-211
Missanabie Ontario
Archean 76(3-4) 191-211
Missanaibi Lake
Archean 76(3-4) 191-211
Missi Group
structural geology 72(1-2) 147-167
mississippi valley-type deposits
India, metal ores 77(1-2) 117-130
metal ores 61(3-4) 295-322
Missoula Group 89(3-4) 101-127
Missouri
metasomatism 51(1-4) 245-263
petrology, Saint Francois Mountains 95(1-2) 69-88
Mistassini Group
orogeny 86(3-4) 117-154
mixtite *see* diamictite
Mjosjo Dacite
structural geology 70(3-4) 235-251
Mn *see* manganese
mobile belts
Antarctic Ocean, structural geology 75(3-4) 189-207
Antarctica
foliation 65(1-4) 277-295
orogeny 75(3-4) 231-250
Arctic Ocean, structural geology 64(1-4) 131-152
Australia, plate tectonics 69(1-4) 293-306
Brazil
plate tectonics 53(1-2) 23-40
tectonophysics 53(1-2) 1-22
Canada, geochronology 91(3-4) 383-399
Greenland

Archean 62(3) 239-270
geochronology 91(3-4) 383-399
India
Archean 97(3-4) 269-302
petrology 66(1-4) 379-392
tectonophysics 99(3-4) 149-169
Malawi
petrology 85(1-2) 27-51
structural geology 62(3) 207-226
Russian Federation, metal ores 58(1-4) 289-303
Scotland, Archean 62(3) 239-270
South Africa, tectonophysics 97(3-4) 303-323
South Australia, Archean 97(3-4) 269-302
Sri Lanka, petrology 66(1-4) 379-392
Tanzania, structural geology 62(3) 207-226
Ukraine, metal ores 58(1-4) 289-303
Western Australia
Archean 97(3-4) 269-302
structural geology 75(1-2) 47-63
Modum Complex
cobalt ores 91(3-4) 419-432
intrusions 52(1-2) 97-113
petrology 53(3-4) 305, 97-113
Moeda Syncline
deformation 65(1-4) 25-54
structural geology 90(1-2) 29-58
Moesian Platform
orogeny 80(3-4) 281-301
Mohorovicic discontinuity
Europe 64(1-4) 53-65
Finland 64(1-4) 85-108; 64(1-4) 273-288
North Sea 64(1-4) 23-51
Russian Federation 64(1-4) 85-108; 64(1-4) 273-288
Scandinavia 64(1-4) 23-51
Western Australia, folds 83(1-3) 43-56
molasse
Africa, tectonophysics 69(1-4) 199-227
Algeria, tectonophysics 69(1-4) 307-326
Canadian Shield, faults 68(3-4) 201-230
Jordan, geochemistry 56(1-2) 51-72
Namibia, Proterozoic 63(3-4) 247-272
Niger, folds 67(1-2) 59-88
South America, tectonophysics 69(1-4) 199-227
molecular fossils *see* biomarkers
Molson Lake Terrane
tectonics 63(1-2) 123-142
molybdenum ores
Arabian Peninsula 58(1-4) 169-194
South Africa, petrology 70(3-4) 303-335
Sweden 58(1-4) 143-167
geochemistry 64(1-4) 319-335
monazite
Antarctica, metamorphic rocks 93(2-3) 235-258
Appalachians, geochronology 99(1-2) 113-146
Brazil
petrology 78(1-3) 151-164
structural geology 79(3-4) 347-361
Canada, Archean 93(1) 5-26
Finland, Proterozoic 51(1-4) 227-243
Ghana, geochronology 56(1-2) 89-96; 67(1-2) 89-107
Greenland, Archean 93(1) 5-26
India, geochronology 94(3-4) 251-271
Ivory Coast
petrology 80(3-4) 173-191
tectonics 86(3-4) 177-199
Labrador
orogeny 80(3-4) 239-260
Proterozoic 99(1-2) 65-90
Newfoundland
orogeny 80(3-4) 239-260
Proterozoic 99(1-2) 65-90
Ontario, geochemistry 82(3-4) 265-285
paleontology 56(1-2) 159-166
Proterozoic 51(1-4) 337-350
Saskatchewan, geochronology 95(3-4) 187-223
South Australia, Proterozoic 94(3-4) 205-224
Sri Lanka, geochronology 66(1-4) 123-149
Sweden, structural geology 98(3-4) 173-195
Zimbabwe, Archean 91(3-4) 269-285
Monche Pluton
petrology 75(1-2) 31-46
Monchegorsk Intrusion
petrology 64(1-4) 197-205
Monera *see* prokaryotes
Mongolia
Proterozoic 100(1-3) 371-433
monoclines
Northern Territory Australia, volcanism 94(3-4) 225-250
Queensland Australia, volcanism 94(3-4) 225-250
Montana *see also* Beartooth Mountains; Belt Supergroup; Gallatin Range; Madison Range; Newland Limestone; Wyoming Province
algae
Big Belt Mountains 61(3-4) 241-278
Cascade County Montana 61(3-4) 241-278
Flathead County Montana 61(3-4) 241-278
Little Belt Mountains 61(3-4) 241-278
Archean, Tobacco Root Mountains 91(3-4) 295-307
Monte Christo Formation
metal ores 79(1-2) 141-169
Montebello Quadrangle
geochemistry 84(1-2) 37-62
monzodiorite
Brazil 51(1-4) 351-374
California, geochemistry 91(1-2) 109-142
Canadian Shield, geochemistry 67(3-4) 207-241; 96(1-2) 83-99
Ontario, sedimentary petrology 68(1-2) 23-42
Quebec, foliation 68(3-4) 183-200
Saskatchewan 70(1-2) 145-164
South Australia 79(3-4) 371-394
monzogranite
Ontario, geochemistry 82(3-4) 265-285
Proterozoic 51(1-4) 337-350
Western Australia 51(1-4) 375-391; 78(1-3) 165-178; 78(4) 237-260
Archean 61(1-2) 1-26; 91(3-4) 309-332
geochemistry 83(1-3) 133-183; 96(1-2) 41-62
structural geology 83(1-3) 11-42
monzonites
Australia 81(1-2) 37-66
Canada, Archean 93(1) 5-26
Canadian Shield, geochemistry 76(3-4) 155-190
Greenland, Archean 93(1) 5-26
India, structural geology 99(1-2) 91-111
Labrador 51(1-4) 315-336
Newfoundland 51(1-4) 315-336
Saskatchewan 70(1-2) 145-164
Sweden, structural geology 94(1-2) 29-48
Moodies Group
geochemistry 79(3-4) 195-207
petrology 78(1-3) 105-124
sedimentary petrology 68(3-4) 257-290
Moorbath, Stephen
geochemistry 91(3-4) 229-231; 91(3-4) 229-456
Moran Lake Group
orogeny 86(3-4) 117-154
MORB *see* mid-ocean ridge basalts
Moroak Sandstone
energy sources 54(1) 81-108
Moroccan Atlas Mountains *see* Anti-Atlas
Morocco
geochemistry, Bou Azzer 62(3) 367-371
petrology 53(1-2) 79-97
plate tectonics, Anti-Atlas 54(2-4) 295-319
volcanism, Anti-Atlas 70(1-2) 25-44
moscovite *see* muscovite
Mosquito Creek Synclinorium
geochemistry 54(2-4) 211-229
Mount Ada Basalt
structural geology 88(1-4) 53-66

Mount Bruce Megasequence
metal ores 58(1-4) 55-70
sedimentary petrology 60(1-4) 337-359
structural geology 60(1-4) 185-241
Mount Bruce Supergroup
Proterozoic 99(1-2) 33-64
stratigraphy 69(1-4) 133-155
Mount Edgar Batholith
deformation 88(1-4) 83-108
geochemistry 96(1-2) 41-62
gold ores 88(1-4) 249-265
magmas 60(1-4) 151-174
petrology 95(3-4) 275, 277-302
structural geology 88(1-4) 53-66
Mount Farmer Group
Archean 61(1-2) 1-26
petrology 78(4) 237-260
Mount Franklin Granite
structural geology 59(1-2) 95-123
Mount Helen Belt
petrology 89(3-4) 145-173
Mount Isa Basin
Proterozoic 99(3-4) 271-308
Mount Isa Inlier
geochronology 71(1-4) 131-153
stratigraphy 69(1-4) 241-258
volcanism 94(3-4) 225-250
Mount Jope Supersequence
structural geology 60(1-4) 185-241
Mount Jope Volcanics
stratigraphy 69(1-4) 133-155
Mount Joseph Migmatite
geochronology 95(3-4) 225-243
Mount Monger Fault
structural geology 83(1-3) 11-42
Mount Murchison
petrology 78(1-3) 165-178
Mount Narryer
petrology 78(1-3) 165-178
Mount Negri Group
stratigraphy 60(1-4) 1-45
Mount Negri Volcanics
structural geology 94(1-2) 11-28
Mount Roe Basalt
Archean 65(1-4) 297-317
Mount Rogers Volcanic Group
Proterozoic 68(1-2) 81-95
Mount Stafford Granite
Proterozoic 71(1-4) 69-89
Moyale Ethiopia
metamorphism 62(3) 271-283
structural geology 52(1-2) 179-186
Moyale Granodiorite
metamorphism 62(3) 271-283
Mozambique Belt
metamorphism 62(3) 271-283; 74(4) 195-202
petrology 86(1-2) 45-58
structural geology 52(1-2) 179-186; 62(3) 307-322; 75(3-4) 263-277
tectonics 62(1-2) 1-59; 98(1-2) 67-82
tectonophysics 80(1-2) 77-87
Mpumalanga South Africa *see* Barberton Mountain Land
Muccan Batholith
deformation 88(1-4) 83-108
mudstone
Arctic region, stratigraphy 53(3-4) 165-197
Finland, stratigraphy 64(1-4) 253-271
geochemistry 61(3-4) 191-207
Northern Territory Australia 59(3-4) 225-241
energy sources 54(1) 81-108
Ontario, stratigraphy 86(3-4) 201-223
Rocky Mountains, algae 61(3-4) 241-278
South Africa 68(3-4) 257-290
Archean 97(3-4) 191-214
metal ores 79(1-2) 141-169
stratigraphy 67(1-2) 159-180
Spitsbergen, stratigraphy 53(3-4) 165-197
Mugford Group
geochemistry 77(1-2) 131-141
structural geology 81(1-2) 15-35
Mulga Park Subdomain
Proterozoic 71(1-4) 155-181
Mulgandinnah shear zone
structural geology 88(1-4) 233-247
Muligiripalle Kimberlite
Proterozoic 79(3-4) 363-369
Mulock Batholith
magmas 53(3-4) 199-231
Munjuri Formation
volcanism 89(1-2) 47-57
Murchison greenstone belt
structural geology 55(1-4) 173-186
Murchison Lineament
structural geology 55(1-4) 553-570
Murchison Province
Archean 61(1-2) 1-26
Murchisonfjorden Supergroup
petrology 70(3-4) 215-234
Murdama Group
tectonophysics 53(1-2) 119-147
Murmansk Russian Federation *see* Kola Russian Federation; Pechenga
Murnaroo Platform
Proterozoic 74(3) 119-175
Murray Fault
deformation 93(1) 51-70
muscovite
Brazil, structural geology 81(3-4) 241-264; 86(3-4) 155-176; 97(1-2) 3-26
Ghana, foliation 82(1-2) 153-171
Namibia, faults 90(1-2) 1-28
New Mexico, structural geology 84(1-2) 1-15
Northern Territory Australia, Proterozoic 71(1-4) 91-105
South Africa
faults 90(1-2) 1-28
structural geology 55(1-4) 7-16
Swaziland, magmas 61(1-2) 89-116
Sweden, Proterozoic 79(3-4) 239-259
Togo, foliation 82(1-2) 153-171
Zimbabwe, structural geology 55(1-4) 7-16
muscovite granite
Canadian Shield, geochemistry 67(3-4) 207-241
Musengezi Complex
paleomagnetism 69(1-4) 269-280
Musgrave Block
Proterozoic 71(1-4) 155-181; 74(3) 119-175
Musgrave Ranges
tectonics 55(1-4) 491-506
Muva Supergroup
structural geology 62(3) 207-226
MVT-type deposits *see* mississippi valley-type deposits
Mwembeshi dislocation
geochronology 63(3-4) 189-209
mylonites *see also* blastomylonite; pseudotachylite; ultramylonite
Antarctica, Mesozoic 75(3-4) 251-262
Brazil, structural geology 99(1-2) 1-32
India
geochronology 78(4) 261-272
structural geology 91(1-2) 15-39
Manitoba, geochronology 68(1-2) 1-21
Northern Territory Australia, geochronology 71(1-4) 207-227
Ontario, structural geology 77(1-2) 41-57
South Africa
plate tectonics 86(1-2) 71-92
structural geology 96(3-4) 263-288
Sweden, structural geology 72(3-4) 199-225
Western Australia, structural geology 91(1-2) 15-39
Mzumbe Terrane
metal ores 77(3-4) 243-271
N *see* nitrogen
N-15/N-14
Northern Territory Australia, stratigraphy 96(1-2) 63-82
Western Australia, stratigraphy 96(1-2) 63-82
Na *see* sodium
Nabitah fault system
tectonophysics 53(1-2) 119-147
Nagssugtoqidian Belt
Archean 62(3) 239-270

faults 68(1-2) 65-79
Nagssugtoqidian Orogeny
geochemistry 94(1-2) 101-120
structural geology 93(1) 71-85; 93(1) 87-104
tectonophysics 91(3-4) 365-381
Nagy, Bartholomew 76(3-4) 229-230
Nain Massif
metamorphic rocks 75(1-2) 91-118
petrology 56(1-2) 73-87; 68(1-2) 179-181; 78(4) 303
Nain Newfoundland
metamorphic rocks 75(1-2) 91-118
Nain Province
geochemistry 77(1-2) 131-141
petrology 51(1-4) 193-225; 63(3-4) 293-323
plate tectonics 63(3-4) 325-347
structural geology 70(3-4) 169-190; 81(1-2) 15-35; 91(1-2) 91-107
Nama System 63(3-4) 247-272; 73(1-4) 137-151; 73(1-4) 153-171
Namaland *see* Namaqualand
Namaqua-Natal tectonic province
metal ores 59(1-2) 43-71
Namaqualand
metal ores 59(1-2) 43-71
petrology 70(3-4) 303-335
structural geology 52(1-2) 133-166
Namibia *see also* Damara Orogeny; Damara System; Nama System
Cambrian 73(1-4) 51-70
crust 63(1-2) 143-162
faults 90(1-2) 1-28
geochemistry 63(3-4) 225-246
Proterozoic 100(1-3) 181-211
Nampula Supergroup
tectonics 62(1-2) 1-59
Nandihalli Formation
geochemistry 72(1-2) 69-95
Nantuo Formation 85(3-4) 173-199
Napier Complex
foliation 65(1-4) 277-295
Napperby Gneiss
petrology 77(3-4) 211-229
Proterozoic 71(1-4) 69-89
nappes
Africa
petrology 78(1-3) 105-124
plate tectonics 69(1-4) 327-344
Brazil
gold ores 68(1-2) 139-167
structural geology 97(1-2) 3-26
Gabon, gold ores 77(3-4) 143-159
Ghana, foliation 82(1-2) 153-171
Northern Territory Australia, geochronology 71(1-4) 229-250
Ontario, structural geology 59(1-2) 73-94
Romania, orogeny 80(3-4) 281-301
South America, plate tectonics 69(1-4) 327-344
Sri Lanka
plate tectonics 66(1-4) 77-91
structural geology 66(1-4) 59-76
Sweden, structural geology 72(3-4) 199-225
Togo, foliation 82(1-2) 153-171
Western Australia, structural geology 68(1-2) 43-64
Narryer gneiss complex
Archean 52(3-4) 275-300
petrology 78(1-3) 165-178
Narryer Terrane
Archean 91(3-4) 309-332
Narsajuaq Terrane
geochemistry 91(1-2) 109-142
Narsarsuaq Formation
paleobotany 96(1-2) 1-23
Natal metamorphic province
plate tectonics 86(1-2) 71-92
Natal South Africa *see* KwaZulu-Natal South Africa
Nathan Group
stratigraphy 72(1-2) 1-41
natrium *see* sodium
natural gas *see also* structural traps
Oman 54(1) 1-14
South Australia, Proterozoic 74(3) 119-175
natural remanent magnetization
Africa, paleomagnetism 74(4) 225-244
Angola, stratigraphy 59(1-2) 1-13
Antarctica, paleomagnetism 74(4) 225-244
China, paleomagnetism 100(1-3) 313-334
India, paleomagnetism 69(1-4) 259-267
Kenya, stratigraphy 69(1-4) 113-131
Northwest Territories, tectonics 52(1-2) 1-35
Russian Federation, paleomagnetism 93(2-3) 201-213
Seychelles, tectonophysics 69(1-4) 281-292
South Africa, paleomagnetism 69(1-4) 229-240
Venezuela, tectonics 85(1-2) 1-25
Western Australia, stratigraphy 69(1-4) 133-155
Yukon Territory, tectonics 52(1-2),1-35
Navifusa majensis
paleobotany 96(1-2) 1-23
Nb *see* niobium
Nd *see* neodymium
Nd-144/Nd-143
Africa, petrology 93(4) 299-337
Arabian Peninsula, petrology 86(1-2) 45-58
Australia, Proterozoic 100(1-3) 213-234
Bolivia, metamorphism 94(1-2) 73-99
Brazil, petrology 80(3-4) 217-238
Cameroon, Archean 67(3-4) 321-347
Canadian Shield, geochemistry 94(3-4) 139-173; 96(1-2) 83-99
Chile, metamorphism 94(1-2) 73-99
China
Cambrian 93(2-3) 215-233
intrusions 56(1-2) 1-31
plate tectonics 76(1-2) 67-76
Proterozoic 62(1-2) 171-190
Colorado
magmas 85(1-2) 53-79; 98(3-4) 271-305
stratigraphy 87(1-2) 1-18
Estonia, geochemistry 79(3-4) 209-226
Europe, petrology 51(1-4) 127-149
France, petrology 51(1-4) 393-427
geochemistry 51(1-4) 429-468
Greenland
petrology 63(3-4) 293-323
tectonophysics 91(3-4) 365-381
India, deformation 65(1-4) 319-339
Korea, volcanism 89(1-2) 47-57
Labrador, petrology 63(3-4) 293-323
Latvia, geochemistry 79(3-4) 209-226
Manitoba, geochemistry 92(1) 37-64
mantle 91(3-4) 233-252
Mexico, metamorphism 94(1-2) 73-99
Newfoundland, petrology 63(3-4) 293-323
Norway
intrusions 52(1-2) 97-113
tectonophysics 64(1-4) 403-417
Nova Scotia, magmas 76(1-2) 93-113
Quebec, petrology 52(1-2) 71-96
Red Sea region, petrology 86(1-2) 45-58
Russian Federation
crust 91(3-4) 333-363
geochemistry 92(3) 223-250
Saskatchewan
geochemistry 92(1) 37-64
geochronology 61(1-2) 27-50
South Africa
geochemistry 54(2-4) 231-256
petrology 78(1-3) 139-150
South Australia, magmas 79(3-4) 371-394
Sri Lanka, geochronology 66(1-4) 95-110
Sweden
petrology 52(3-4) 215-230
tectonics 93(1) 105-117
Texas
magmas 85(1-2) 53-79
metamorphism 94(1-2) 73-99
Uruguay, petrology 74(3) 177-194
Utah, stratigraphy 87(1-2) 1-18
Western Australia, geochemistry 54(2-4) 231-256; 83(1-3) 109-132

Nd/Nd
Antarctica, tectonics 86(1-2) 1-19
Egypt, geochemistry 80(1-2) 1-22
Labrador, magmas 82(1-2) 63-84
Mexico, Proterozoic 96(3-4) 245-262
New York, Proterozoic 96(3-4) 245-262
Newfoundland, magmas 82(1-2) 63-84
Nigeria, structural geology 87(1-2) 65-74
Northern Territory Australia, geochronology 71(1-4) 301-314
Ontario, tectonophysics 91(3-4) 445-454
Quebec, geochronology 77(3-4) 231-241
Russian Federation, plate tectonics 89(1-2) 1-23
Tanzania
metamorphism 74(4) 195-202
petrology 77(1-2) 105-115
Western Australia, geochronology 71(1-4) 301-314
Nd/Sm *see* Sm/Nd
Nebraska
paleomagnetism, Saunders County Nebraska 76(1-2) 47-65
Negri Basin
structural geology 88(1-4) 173-205
Nellysford Granulite Gneiss
geochemistry 84(1-2) 37-62
neodymium *see also* Sm/Nd
India, magmas 99(3-4) 225-254
Nd-144/Nd-143
Africa 93(4) 299-337
Arabian Peninsula 86(1-2) 45-58
Australia 100(1-3) 213-234
Bolivia 94(1-2) 73-99
Brazil 80(3-4) 217-238
Cameroon 67(3-4) 321-347
Canadian Shield 94(3-4) 139-173; 96(1-2) 83-99
Chile 94(1-2) 73-99
China 56(1-2) 1-31; 62(1-2) 171-190; 76(1-2) 67-76; 93(2-3) 215-233
Colorado 85(1-2) 53-79; 87(1-2) 1-18; 98(3-4) 271-305
Estonia 79(3-4) 209-226
Europe 51(1-4) 127-149
France 51(1-4) 393-427
geochemistry 51(1-4) 429-468
Greenland 63(3-4) 293-323; 91(3-4) 365-381
India 65(1-4) 319-339
Korea 89(1-2) 47-57
Labrador 63(3-4) 293-323
Latvia 79(3-4) 209-226
Manitoba 92(1) 37-64
mantle 91(3-4) 233-252
Mexico 94(1-2) 73-99
Newfoundland 63(3-4) 293-323
Norway 52(1-2) 97-113; 64(1-4) 403-417
Nova Scotia 76(1-2) 93-113
Quebec 52(1-2) 71-96
Red Sea region 86(1-2) 45-58
Russian Federation 91(3-4) 333-363; 92(3) 223-250
Saskatchewan 61(1-2) 27-50; 92(1) 37-64
South Africa 54(2-4) 231-256; 78(1-3) 139-150
South Australia 79(3-4) 371-394
Sri Lanka 66(1-4) 95-110
Sweden 52(3-4) 215-230; 93(1) 105-117
Texas 85(1-2) 53-79; 94(1-2) 73-99
Uruguay 74(3) 177-194
Utah 87(1-2) 1-18
Western Australia 54(2-4) 231-256; 83(1-3) 109-132
Sm-147/Nd-144
Mexico 96(3-4) 245-262
New York 96(3-4) 245-262
Neoproterozoic *see* Brioverian; Jotnian; Riphean; Rodinia; Vendian; Wilpena Group
neotectonics
tectonophysics 70(1-2) 165-166
nesosilicates *see also* garnet group; titanite; zircon
petrology 51(1-4) 161-172
network deposits *see* stockwork deposits
New Brunswick
structural geology 53(1-2) 41-78
New England
structural geology 53(1-2) 41-78
New England Orogeny
New South Wales Australia, geochronology 71(1-4) 251-263
New Hampshire
petrology 55(1-4) 209-241
New Jersey
petrology, New Jersey Highlands 51(1-4) 115-125
New Jersey Highlands
petrology 51(1-4) 115-125
New Mexico *see also* Magdalena Group; Mazatzal Orogeny
Cretaceous
Picuris Range 63(1-2) 97-122
Tusas Mountains 63(1-2) 97-122
petrology 82(3-4) 237-263
structural geology, Manzano Mountains 84(1-2) 1-15
New Quebec *see* Ungava
New Quebec Orogeny
plate tectonics 63(3-4) 325-347
New South Wales Australia *see also* Broken Hill; Broken Hill Block; Broken Hill Mine; Willyama Complex
geochronology 71(1-4) 251-263
New York
geochronology, Adirondack Mountains 99(1-2) 113-146
petrology, Adirondack Mountains 57(1-2) 1-19
Proterozoic, Adirondack Mountains 96(3-4) 245-262
Newfoundland *see also* Labrador
Cambrian 73(1-4) 123-136
geochemistry 59(3-4) 243-262
structural geology 53(1-2) 41-78
Newland Limestone
geochemistry 63(3-4) 225-246
Ngadarunga Granite
geochronology 71(1-4) 45-68
Ngalia Basin
Proterozoic 73(1-4) 173-195
nickel
Canadian Shield, geochemistry 94(3-4) 139-173
India, geochemistry 61(1-2) 137-164
Sri Lanka, geochemistry 66(1-4) 223-244
nickel ores
Canada 58(1-4) 355-386; 58(1-4) 401-426
Canadian Shield 58(1-4) 25-54
Ontario 58(1-4) 99-119
Russian Federation 58(1-4) 121-141; 58(1-4) 289-303; 58(1-4) 427-446
South Africa 91(1-2) 65-90
petrology 52(1-2) 115-132
Sweden 58(1-4) 143-167
Ukraine 58(1-4) 289-303
United States 58(1-4) 99-119; 58(1-4) 355-386
Nicker Beds
geochronology 71(1-4) 45-68
Niger
folds 67(1-2) 59-88
structural analysis 70(3-4) 281-301
Nigeria
plate tectonics 69(1-4) 327-344
structural geology 87(1-2) 65-74
Nilgiri Massif
geochemistry 98(1-2) 129-150
stratigraphy 76(1-2) 31-46
Nilojarvi Fault
plate tectonics 64(1-4) 207-223
niobates *see* niobotantalates
niobium
Canadian Shield, geochemistry 94(3-4) 139-173; 96(1-2) 83-99
Ontario, geochemistry 82(3-4) 265-285
petrology 51(1-4) 161-172
Sweden, petrology 82(1-2) 85-99
niobotantalates *see* columbite; tantalite
Niquelandia Complex
structural geology 59(1-2) 125-143

Niquelandia Intrusion
petrology 68(3-4) 241-255
nitrogen
Labrador, geochemistry 77(1-2) 131-141
N-15/N-14
Northern Territory Australia 96(1-2) 63-82
Western Australia 96(1-2) 63-82
Newfoundland, geochemistry 77(1-2) 131-141
Nondweni greenstone belt
petrology 67(3-4) 277-320
sedimentary petrology 67(3-4) 243-276
Nondweni Group
petrology 67(3-4) 277-320
sedimentary petrology 67(3-4) 243-276
Nonesuch Shale
geochemistry 54(1) 65-79
sedimentary petrology 61(3-4) 181-190
Noomut Formation
Archean 81(3-4) 265-297
Nordauslandet Orogeny
petrology 70(3-4) 215-234
Nordaustlandet
petrology 70(3-4) 215-234
Nordre Stromfjord
structural geology 93(1) 71-85
tectonophysics 91(3-4) 365-381
norite
Finland 95(1-2) 89-107
Labrador 82(1-2) 63-84
Newfoundland 82(1-2) 63-84
normal faults
Antarctica 75(3-4) 121-139
Benin, petrology 82(3-4) 191-209
Brazil 65(1-4) 25-54
South Africa, sedimentary petrology 68(3-4) 257-290
Venezuela 85(1-2) 1-25
Western Australia 75(1-2) 47-63; 83(1-3) 43-56; 88(1-4) 25-52
magmas 83(1-3) 203-219
Norrbotten Sweden *see* Kiruna Sweden; Skellefte mining district
Norseman-Wiluna Belt
gold ores 51(1-4) 85-113
metal ores 58(1-4) 55-70
petrology 51(1-4) 51-83
North Africa *see* Algeria; Atlas Mountains; Egypt; Morocco
North America *see also* Appalachians; Canadian Shield; Great Lakes; Great Lakes region
algae, Glacier National Park 61(3-4) 241-278
geochemistry
Keweenawan Rift 54(1) 65-79
Lake Superior region 54(2-4) 131-151
geochronology 89(3-4) 101-127
magmas 76(1-2) 93-113
metal ores
Keweenawan Rift 58(1-4) 355-386
Lake Superior region 58(1-4) 355-386
paleomagnetism 70(1-2) 113-143
Keweenawan Rift 76(1-2) 47-65
petrology, Lake of the Woods region 81(3-4) 155-178
Proterozoic 73(1-4) 71-99
tectonics 52(1-2) 1-35
tectonophysics 69(1-4) 95-112
North American Cordillera *see* Canadian Cordillera
North Atlantic *see* Baltic Sea; Hudson Strait; North Sea; Rockall Plateau
North Caribou Belt
geochemistry 93(4) 257-279
North Caribou Terrane
Archean 92(3) 277-295
lava 89(1-2) 59-76
North Carolina *see* Blue Ridge Province
North Central (United States) *see* Midwest
North Pole Chert
structural geology 88(1-4) 25-52
North Pole Dome
petrology 88(1-4) 3-23
structural geology 88(1-4) 25-52
tectonics 88(1-4) 207-231
North Sea
Mohorovicic discontinuity, Skagerrak 64(1-4) 23-51
Proterozoic, Skagerrak 87(3-4) 117-135
North Spirit Lake greenstone belt
Archean 92(3) 277-295
North Star Basalt
Proterozoic 60(1-4) 69-98
structural geology 88(1-4) 53-66
North-Central (United States) *see* Midwest
Northeastern India *see* Arunachal Pradesh India
Northern Cape Province South Africa *see* Kimberley South Africa
Northern Province South Africa
structural geology 96(3-4) 263-288
Northern Rhodesia *see* Zambia
Northern Territory Australia *see also* Amadeus Basin; Bitter Springs Formation; McArthur Basin
Cambrian, Alice Springs Australia 86(1-2) 93-113
geochronology
Arunta Block 71(1-4) 17-43; 71(1-4) 45-68; 71(1-4) 207-227; 71(1-4) 229-250; 71(1-4) 301-314
Harts Range 71(1-4) 207-227
igneous rocks 56(3-4) 227-253
metal ores 78(4) 211-235
metamorphism
Arunta Block 71(1-4) 183-205
Harts Range 71(1-4) 183-205
petrology 77(3-4) 211-229
Proterozoic 71(1-4) 107-129
Arunta Block 71(1-4) 3-15; 71(1-4) 69-89; 71(1-4) 91-105; 71(1-4) 265-299; 71(1-4) 315-346
Harts Range 71(1-4) 315-346
Ngalia Basin 73(1-4) 173-195
sedimentation, Arunta Block 59(3-4) 225-241
structural geology, Arunta Block 72(1-2) 43-67
tectonophysics
Alice Springs Australia 65(1-4) 71-94
Arunta Block 65(1-4) 71-94
Northern Transvaal South Africa *see* Northern Province South Africa
Northwest Territories *see also* Mackenzie Mountains; Slave Province; Yellowknife Group
Archean
Baffin Island 93(1) 5-26
Keewatin District Northwest Territories 81(3-4) 265-297
paleobotany, Baffin Island 96(1-2) 1-23
petrology, Keewatin District Northwest Territories 77(1-2) 59-89
Proterozoic, Great Slave Lake 90(3-4) 187-202
stratigraphy 68(1-2) 115-137
structural geology, Baffin Island 93(1) 27-49
Norway *see also* Baltic Shield; Fennoscandia; Sveconorwegian Orogeny
geochronology
Bamble Norway 90(3-4) 159-185
Troms Norway 57(3-4) 195-206
intrusions 52(1-2) 97-113; 53(3-4) 233-242
petrology, Bamble Norway 64(1-4) 347-360
stratigraphy, Varanger Peninsula 69(1-4) 81-93; 73(1-4) 197-216
tectonophysics
Bamble Norway 64(1-4) 403-417
Oslo Graben 92(3) 297-315
Nova Scotia
geochemistry, Cape Breton Island 56(1-2) 33-49
magmas, Cape Breton Island 76(1-2) 93-113
structural geology 53(1-2) 41-78
NRM *see* natural remanent magnetization
Ntem Complex
Archean 67(3-4) 321-347
Ntem Series
Archean 67(3-4) 321-347

Ntimbamkulu Pluton
metal ores 77(3-4) 243-271
Nubian Shield
geochemistry 82(3-4) 211-236; 96(1-2) 101-124
magmas 92(2) 195-213
metamorphism 98(1-2) 107-127
petrology 86(1-2) 45-58
Nudulama Tonalite
Archean 76(3-4) 191-211
Nullagine Supersequence
structural geology 60(1-4) 185-241
Nummana Member
Proterozoic 99(1-2) 33-64
Ny Friesland
petrology 70(3-4) 215-234
Nyanzian
stratigraphy 69(1-4) 113-131
Nyasaland *see* Malawi
Nyika Granite
petrology 85(1-2) 27-51
Nyong Series
Archean 67(3-4) 321-347
O *see* oxygen
O-16/O-18 *see* O-18/O-16
O-18
geochemistry 51(1-4) 429-468
South Africa, geochemistry 79(1-2) 171-194
O-18/O-16 *see also* geologic thermometry
Australia, Proterozoic 99(3-4) 271-308
Brazil
diagenesis 70(3-4) 253-268
geochemistry 77(1-2) 23-40
California, magmas 70(1-2) 1-24
Canada, stratigraphy 73(1-4) 101-121
China
geochemistry 89(1-2) 77-86; 97(1-2) 59-75
Proterozoic 84(3-4) 197-220
Colorado, magmas 85(1-2) 53-79
Minnesota, geochemistry 54(2-4) 131-151
Northern Territory Australia, petrology 77(3-4) 211-229
Ontario, geochemistry 52(3-4) 347-380; 54(2-4) 131-151; 59(3-4) 283-313; 92(4) 365-387
Russian Federation
intrusions 62(4) 453-472
stratigraphy 73(1-4) 251-270
Saskatchewan, magmas 70(1-2) 145-164
South Africa
Archean 72(3-4) 247-261
geochemistry 55(1-4) 353-364; 79(1-2) 57-71; 79(1-2) 171-194
metal ores 79(1-2) 141-169
Sri Lanka, geochemistry 66(1-4) 183-198; 66(1-4) 223-244
Texas
magmas 85(1-2) 53-79
petrology 94(1-2) 49-72
Western Australia, Archean 72(3-4) 247-261
Zimbabwe, geochemistry 55(1-4) 353-364
Oak Creek Pluton
petrology 62(1-2) 139-169
Oatman Creek Granite
petrology 94(1-2) 49-72
obduction
Australia, plate tectonics 69(1-4) 293-306
Ethiopia, structural geology 77(3-4) 179-210
Ontario, sedimentary petrology 68(1-2) 23-42
Sweden, tectonics 93(1) 105-117
oblique-slip faults
Brazil 92(3) 251-275
ocean crust *see* oceanic crust
ocean floors *see also* submarine canyons
South Australia, stratigraphy 100(1-3) 109-120
ocean-floor spreading *see* sea-floor spreading
ocean-island basalts
India, geochemistry 76(1-2) 77-91
Uruguay 74(3) 177-194
oceanic crust
91(1-2) 143-179; 92(4) 387-412
Australia 69(1-4) 293-306
Canada, geochemistry 81(1-2) 3-14
Canadian Shield, geochemistry 65(1-4) 115-153; 76(3-4) 155-190
China 81(1-2) 129-144
Ethiopia, magmas 76(1-2) 3-14
Mali, geochemistry 65(1-4) 55-69
Morocco 54(2-4) 295-319
Ontario, sedimentary petrology 68(1-2) 23-42
South Africa 97(3-4) 303-323
Uruguay, petrology 74(3) 177-194
Western Australia 91(1-2) 181-227
oceanography *see* continental margin; ocean floors; reefs; sea water; sedimentation; sediments
octahedral iron ore *see* magnetite
Officer Basin
Cambrian 100(1-3) 235-280
Proterozoic 73(1-4) 173-195; 74(3) 119-175; 100(1-3) 281-298
Ogcheon Belt
volcanism 89(1-2) 47-57
Ogouee Domain
gold ores 77(3-4) 143-159
OIB *see* ocean-island basalts
oil and gas *see* petroleum
Okolovo Metavolcanics
tectonophysics 68(3-4) 231-240
Okwa Inlier
Proterozoic 56(3-4) 255-274
Olanga Complex
petrology 75(1-2) 31-46
Olanga Group
petrology 64(1-4) 197-205
Olary Block
metal ores 56(3-4) 211-226; 79(3-4) 281-305
Old Red Sandstone
petrology 70(3-4) 215-234
Oldongso Massif
intrusions 62(4) 453-472
Olekma Block
Archean 78(4) 197-210
intrusions 54(2-4) 195-210
plate tectonics 89(1-2) 1-23
Olekma granite-greenstone terrain
intrusions 62(4) 453-472
petrology 62(4) 419-430
Olekma Group
intrusions 62(4) 493-505
Olekma River
intrusions 54(2-4) 195-210
Olekma Terrain
crust 91(3-4) 333-363
Olenek Uplift
stratigraphy 73(1-4) 251-270
Olifantshoek Group
geochemistry 79(1-2) 57-71
Oligocene
Colorado 61(3-4) 231-240
olivine basalt
Arizona 65(1-4) 255-276
Olondo greenstone belt
Archean 78(4) 197-210
crust 91(3-4) 333-363
intrusions 54(2-4) 195-210
metal ores 58(1-4) 427-446
Oman
energy sources 54(1) 1-14
petroleum 54(1) 15-36
Ombombo Subgroup
Proterozoic 100(1-3) 181-211
Onas Batholith
tectonophysics 64(1-4) 273-288
Ongarbira Belt
geochemistry 67(3-4) 181-206; 76(1-2) 115-116; 76(1-2) 117-118
Ongeluk Formation
petrology 79(1-2) 101-123
Ontario *see also* Abitibi Belt; Animikie Group; Central Gneiss Belt; Grenville Front; Grenville Province; Kapuskasing Zone; Lake of the Woods region; Lake Superior region; Levack Gneiss;

Michipicoten Belt; Quetico Belt; Superior Province; Wabigoon Belt; Wawa Belt
deformation, Sudbury Structure 93(1) 51-70
folds, Sudbury Irruptive 85(3-4) 117-146
geochemistry 59(3-4) 283-313
Hemlo Deposit 52(1-2) 53-69
Kirkland Lake Ontario 54(2-4) 173-194
Manitouwadge Ontario 74(1-2) 73-89
Sudbury Structure 82(3-4) 265-285
Thunder Bay District Ontario 52(3-4) 347-380
metal ores
Blind River Ontario 61(3-4) 279-293
Elliot Lake Ontario 61(3-4) 279-293
Sudbury Irruptive 58(1-4) 99-119
petrology
Elliot Lake Ontario 84(1-2) 17-36; 91(3-4) 287-294
Sudbury Structure 84(1-2) 17-36
sedimentary petrology, Kirkland Lake Ontario 68(1-2) 23-42
stratigraphy, Elliot Lake Ontario 86(3-4) 201-223
structural geology 77(1-2) 41-57
Parry Sound Ontario 59(1-2) 73-94
Onverwacht Group
54(2-4) 271-293; 57(1-2) 91-119; 96(1-2) 63-82
lava 78(1-3) 125-138
metasomatism 92(2) 129-144
petrology 67(1-2) 109-139; 67(3-4) 277-320; 78(1-3) 105-124
oolite
Montana, diagenesis 63(1-2) 83-96
Opatica Belt
geochemistry 91(1-2) 109-142
tectonophysics 63(1-2) 59-81
ophiolite
Arabian Peninsula, tectonophysics 53(1-2) 119-147
Brazil, structural geology 59(1-2) 125-143
China
geochronology 97(1-2) 43-57
plate tectonics 81(1-2) 129-144
Egypt, Proterozoic 59(1-2) 15-32
Ethiopia, structural geology 62(3) 307-322
Finland, tectonophysics 82(1-2) 13-34
Greenland, geochemistry 94(1-2) 101-120
metal ores 61(3-4) 295-322
Morocco, geochemistry 62(3) 367-371
Mozambique, structural geology 62(3) 307-322
Russian Federation, metal ores 58(1-4) 427-446
Sudan, Proterozoic 59(1-2) 15-32
ophiolite complexes
India, metal ores 61(1-2) 165-168
Orange River
structural geology 52(1-2) 133-166
Ordovician *see also* Ross Orogeny
Antarctica 75(3-4) 231-250
Norway 69(1-4) 81-93
Russian Federation 69(1-4) 81-93
ore exploration *see* mineral exploration
ore of sedimentation *see* placers
ore-forming fluids
China, non-metal deposits 72(3-4) 185-197
South Africa
geochemistry 52(3-4) 301-319
metal ores 79(1-2) 141-169; 96(3-4) 209-224
ores, polymetallic *see* polymetallic ores
organic acids *see* amino acids
organic carbon *see also* total organic carbon
Arctic region, stratigraphy 53(3-4) 165-197
China
Cambrian 93(2-3) 215-233
natural gas 54(1) 45-63
Europe, Proterozoic 82(3-4) 311-348
Gabon, diagenesis 65(1-4) 341-356
Michigan, geochemistry 54(1) 65-79
Northern Territory Australia
energy sources 54(1) 81-108
stratigraphy 96(1-2) 63-82
Russian Federation, petroleum 54(1) 37-44
South Africa, geochemistry 79(1-2) 57-71
South Australia, Proterozoic 74(3) 119-175
Spitsbergen, stratigraphy 53(3-4) 165-197
stratigraphy 73(1-4) 27-49
Western Australia
stratigraphy 96(1-2) 63-82
tectonics 88(1-4) 109-142
Wisconsin, geochemistry 54(1) 65-79
organic compounds *see also* bitumens; hydrocarbons; kerogen; organic acids; total organic carbon
Arctic region, stratigraphy 53(3-4) 165-197
Brazil, stratigraphy 73(1-4) 271-282
China
geochemistry 89(1-2) 77-86
natural gas 54(1) 45-63
India, geochemistry 72(1-2) 69-95
Labrador, geochemistry 77(1-2) 131-141
Newfoundland, geochemistry 77(1-2) 131-141
Northern Territory Australia, energy sources 54(1) 81-108
Russian Federation, petroleum 54(1) 37-44
Spitsbergen, stratigraphy 53(3-4) 165-197
stratigraphy 73(1-4) 27-49
organic mound *see* bioherms
Oribi Gorge Suite
geochronology 62(1-2) 83-101
metal ores 77(3-4) 243-271
Orissa India
metal ores 78(4) 297-298
petrology 66(1-4) 393-409
Ormiston Event
Proterozoic 71(1-4) 3-15
Ormiston Pond Granite
Proterozoic 71(1-4) 91-105
oroclines
New South Wales Australia, geochronology 71(1-4) 251-263
Saskatchewan, tectonophysics 69(1-4) 11-24
orogenesis *see* orogeny
orogenic belts *see also* foreland basins; mobile belts
Africa
structural geology 87(3-4) 161-216
tectonophysics 53(1-2) 149-163
Brazil, structural geology 77(1-2) 1-15; 98(1-2) 31-51
China, tectonics 78(1-3) 95-103
Finland, isostasy 86(1-2) 21-44
Greenland
structural geology 72(3-4) 301-315
tectonophysics 91(3-4) 365-381
India, geochronology 94(3-4) 251-271
Labrador, petrology 51(1-4) 315-336
Mali, geochemistry 65(1-4) 55-69
New Jersey, petrology 51(1-4) 115-125
Newfoundland, petrology 51(1-4) 315-336
Ontario, tectonophysics 91(3-4) 445-454
Sri Lanka, structural geology 75(3-4) 263-277
Sweden, isostasy 86(1-2) 21-44
tectonophysics 70(1-2) 165-166
Western Australia, magmas 51(1-4) 375-391
Zimbabwe, tectonics 98(1-2) 67-82
orogeny *see also* Alice Springs Orogeny; Alpine Orogeny; Avalonian Orogeny; back-arc basins; Cadomian Orogeny; Caledonian Orogeny; Damara Orogeny; Grenvillian Orogeny; Hercynian Orogeny; Hudsonian Orogeny; Kenoran Orogeny; Kibaran Orogeny; Limpopo Orogeny; Mazatzal Orogeny; Pan-African Orogeny; Ross Orogeny; Svecofennian Orogeny; Sveconorwegian Orogeny; Torngat Orogeny; Transamazonian Orogeny; transpression 55(1-4) 507-524; 93(1) 1-137
Africa
metal ores 58(1-4) 305-344
paleomagnetism 74(4) 225-244
tectonophysics 69(1-4) 199-227
Antarctica 75(3-4) 231-250
paleomagnetism 74(4) 225-244
petrology 63(1-2) 1-26

Archean 97(3-4) 143-154
Atlantic region, plate tectonics 69(1-4) 169-191
Baltic region, crust 64(1-4) 289-294
Brazil 84(3-4) 139-162; 99(1-2) 1-32
Canadian Shield, metal ores 58(1-4) 25-54
China
  geochronology 97(1-2) 43-57
  plate tectonics 76(1-2) 67-76
Ethiopia 98(1-2) 83-105
geochemistry 51(1-4) 429-468
Germany 73(1-4) 235-250
Greenland 93(1) 71-85; 93(1) 87-104
  geochemistry 94(1-2) 101-120
India, tectonophysics 80(1-2) 77-87
Labrador 80(3-4) 239-260; 81(1-2) 101-128
Malawi, petrology 85(1-2) 27-51
Newfoundland 80(3-4) 239-260; 81(1-2) 101-128
Northern Territory Australia 72(1-2) 43-67
  metamorphism 71(1-4) 183-205
  Proterozoic 71(1-4) 3-15; 71(1-4) 107-129
Northwest Territories, Archean 94(3-4) 175-204
Nova Scotia, magmas 76(1-2) 93-113
Ontario 59(1-2) 73-94; 89(1-2) 25-45
  petrology 84(1-2) 17-36
  tectonophysics 65(1-4) 183-205
Papua New Guinea, tectonophysics 65(1-4) 183-205
Russian Federation
  petrology 62(4) 419-430
  plate tectonics 89(1-2) 1-23
Scandinavia, crust 64(1-4) 289-294
South Africa 55(1-4) 553-570
  geochronology 95(3-4) 225-243
  metal ores 59(1-2) 43-71
South America, tectonophysics 69(1-4) 199-227
Spain, geochemistry 84(3-4) 163-180
Sri Lanka
  geochronology 66(1-4) 111-121
  tectonophysics 80(1-2) 77-87
Sweden 64(1-4) 225-238; 70(3-4) 235-251
  metamorphism 76(1-2) 15-30
Tanzania, metamorphism 74(4) 195-202
tectonophysics 81(1-2) 152-154; 82(3-4) 351-352
Western Australia
  geochemistry 83(1-3) 133-183
  geochronology 95(3-4) 225-243
  metal ores 58(1-4) 55-70; 58(1-4) 345-354
  Proterozoic 71(1-4) 3-15
Zimbabwe 55(1-4) 553-570
Ortega Group 63(1-2) 97-122
orthite *see* allanite
orthoamphibole *see also* anthophyllite
South Africa, geochemistry 55(1-4) 365-397
orthogneiss
Africa 93(4) 299-337
Antarctica 63(1-2) 1-26
  geochronology 75(3-4) 175-188
Arabian Peninsula 86(1-2) 45-58
Bolivia 94(1-2) 73-99
Canadian Shield, geochemistry 65(1-4) 115-153
Chile 94(1-2) 73-99
Greenland 63(3-4) 293-323
  Archean 62(3) 239-270
Ivory Coast, tectonics 86(3-4) 177-199
Labrador 63(3-4) 293-323
Mexico 94(1-2) 73-99
Newfoundland 63(3-4) 293-323
Northern Territory Australia, geochronology 71(1-4) 207-227
Norway, tectonophysics 72(1-2) 97-107
Ontario 72(3-4) 263-281
Quebec 72(3-4) 263-281
Red Sea region 86(1-2) 45-58
Russian Federation 54(2-4) 195-210
  tectonophysics 72(1-2) 97-107
Scotland, Archean 62(3) 239-270
Sri Lanka 66(1-4) 3-18
  geochronology 66(1-4) 95-110; 66(1-4) 123-149
  structural geology 66(1-4) 21-37
Sweden
  Proterozoic 79(3-4) 227-237
  structural geology 79(3-4) 261-279
Texas 94(1-2) 73-99
Zimbabwe, deformation 70(3-4) 191-213
orthopyroxene
Antarctica, metamorphism 75(3-4) 141-156
Scotland, geochronology 91(3-4) 401-418
Zimbabwe, Archean 91(3-4) 269-285
orthoquartzite
Sweden, structural geology 72(3-4) 199-225
orthosilicates *see* nesosilicates; sorosilicates
Oscillatoriopsis
paleobotany 74(1-2) 91-117
Oskarshamn-Jonkoping Belt
geochronology 77(1-2) 91-103
isostasy 86(1-2) 21-44
Oslo Graben
tectonophysics 92(3) 297-315
Oslo Rift
Mohorovicic discontinuity 64(1-4) 23-51
plate tectonics 92(1) 1-20
Ossa-Morena Zone
structural geology 56(1-2) 113-137
Ostfold-Marstrand Belt
geochemistry 82(3-4) 287-309
Otish Group
orogeny 86(3-4) 117-154
Oubangui-Chari *see* Central African Republic
Oulu Finland
tectonophysics 64(1-4) 85-108
Oulujarvi shear zone
plate tectonics 64(1-4) 207-223
Ouro Preto Brazil
gold ores 68(1-2) 139-167
Outer Hebrides
geochronology 91(3-4) 401-418
Outer Mongolia *see* Mongolia
outgassing *see* degassing
Outokumpu Finland
tectonophysics 64(1-4) 85-108
Outokumpu Ophiolite
isostasy 86(1-2) 21-44
overthrust faults *see also* nappes
Atlantic region, plate tectonics 69(1-4) 169-191
Brazil 77(1-2) 1-15; 86(3-4) 155-176
Denmark, tectonophysics 64(1-4) 419-430
Ontario 85(3-4) 117-146
South Africa 55(1-4) 69-80
Sweden 64(1-4) 67-84
Zimbabwe 55(1-4) 69-80
overturned folds
India 72(3-4) 283-299
Western Australia 88(1-4) 83-108
oxides *see* baddeleyite; corundum; hematite; hydroxides; iron oxides; magnetite; niobates; pyrolusite; rutile; specularite; tantalates; titanomagnetite; uraninite
oxygen
China, Cambrian 93(2-3) 215-233
India, geochemistry 61(1-2) 137-164
O-18
  geochemistry 51(1-4) 429-468
  South Africa 79(1-2) 171-194
O-18/O-16
  Australia 99(3-4) 271-308
  Brazil 70(3-4) 253-268; 77(1-2) 23-40
  California 70(1-2) 1-24
  Canada 73(1-4) 101-121
  China 84(3-4) 197-220; 89(1-2) 77-86; 97(1-2) 59-75
  Colorado 85(1-2) 53-79
  Minnesota 54(2-4) 131-151
  Northern Territory Australia 77(3-4) 211-229
  Ontario 52(3-4) 347-380; 54(2-4) 131-151; 59(3-4) 283-313; 92(4) 365-387
  Russian Federation 62(4) 453-472; 73(1-4) 251-270

Saskatchewan 70(1-2) 145-164
South Africa 55(1-4) 353-364; 72(3-4) 247-261; 79(1-2) 57-71; 79(1-2) 141-169; 79(1-2) 171-194
Sri Lanka 66(1-4) 183-198; 66(1-4) 223-244
Texas 85(1-2) 53-79; 94(1-2) 49-72
Western Australia 72(3-4) 247-261
Zimbabwe 55(1-4) 353-364
sea water 52(3-4) 337-345
South Africa, stratigraphy 67(1-2) 159-180
Western Australia
Archean 65(1-4) 297-317
geochemistry 83(1-3) 133-183

oxyhydroxides
geochemistry 61(3-4) 209-229

P *see* phosphorus

P-T-t paths
Africa, structural geology 87(3-4) 161-216
Antarctica, metamorphic rocks 93(2-3) 235-258
Ethiopia, structural geology 98(1-2) 83-105
Ghana, geochemistry 98(1-2) 11-30
Northern Territory Australia, metamorphism 71(1-4) 183-205
South Africa, metal ores 59(1-2) 43-71
Sweden, Proterozoic 92(4) 319-339
Western Australia, metamorphism 83(4) 243-265

P-waves
Europe, tectonophysics 64(1-4) 153-168; 64(1-4) 169-187
North Sea, Mohorovicic discontinuity 64(1-4) 23-51
Scandinavia, Mohorovicic discontinuity 64(1-4) 23-51
South Africa, structural geology 55(1-4) 187-200
Sweden, petrology 52(3-4) 231-243
Zimbabwe, structural geology 55(1-4) 187-200

Padbury Group
metal ores 90(3-4) 119-140
structural geology 90(3-4) 141-158

Padlei Formation
Archean 81(3-4) 265-297

pahoehoe
Arizona 65(1-4) 255-276

Pahrump Series
algae 61(3-4) 241-278

Pajala shear zone
plate tectonics 64(1-4) 207-223

Pakistan
volcanism 87(3-4) 217-231

Palaeopascichnus
stratigraphy 100(1-3) 97-108

Palala shear zone
structural geology 55(1-4) 51-67; 55(1-4) 173-186; 55(1-4) 553-570; 96(3-4) 263-288

paleo-oceanography *see also* sea-floor spreading
Canada 100(1-3) 121-150; 100(1-3) 371-433
China 93(2-3) 215-233
Mongolia 100(1-3) 371-433
South Africa 79(1-2) 73-100
geochemistry 79(1-2) 37-55
South Australia 100(1-3) 121-150
Western Australia 97(3-4) 155-164
Zimbabwe 97(3-4) 155-164

paleoatmosphere
Northern Territory Australia 96(1-2) 63-82
South Africa 54(2-4) 257-269; 67(1-2) 159-180
Western Australia 65(1-4) 297-317; 96(1-2) 63-82
geochemistry 80(1-2) 49-76

paleobiogeography *see* biogeography

paleobotany *see* algae; bacteria; palynomorphs; Plantae; Protista; thallophytes

Paleocene
Angola 59(1-2) 1-13

paleoclimatology *see also* C-13/C-12; glaciation
Africa 73(1-4) 137-151
Europe, tectonophysics 64(1-4) 53-65
India 97(3-4) 269-302
Northwest Territories 81(3-4) 265-297; 94(3-4) 175-204
South Australia 97(3-4) 269-302
Western Australia 97(3-4) 269-302

paleoecology
China 57(3-4) 243-323
Europe 82(3-4) 311-348
Himalayas 59(3-4) 325-327
Rocky Mountains, algae 61(3-4) 241-278
Russian Federation, paleobotany 65(1-4) 231-254

Paleogene *see* Eocene; Oligocene; Paleocene

paleogeography *see also* basins; continental drift; sea-level changes; transgression
69(1-4) 1-344
Africa, plate tectonics 69(1-4) 327-344
Algeria, tectonophysics 69(1-4) 307-326
Australia 100(1-3) 213-234
Brazil
plate tectonics 76(3-4) 213-227; 78(4) 301-302
structural geology 98(1-2) 31-51
Canada 100(1-3) 121-150; 100(1-3) 371-433
tectonophysics 82(1-2) 174-175
China 84(3-4) 197-220; 93(2-3) 215-233
geochemistry 89(1-2) 77-86; 97(1-2) 59-75
Ethiopia, structural geology 98(1-2) 83-105
Europe 82(3-4) 311-348
petrology 74(1-2) 57-72
Gabon, gold ores 77(3-4) 143-159
Greenland, tectonophysics 82(1-2) 174-175
Himalayas 59(3-4) 325-327
India
geochronology 94(3-4) 251-271
plate tectonics 85(3-4) 241-242
reefs 56(1-2) 139-157
tectonophysics 82(3-4) 350-351
Israel, metamorphism 98(1-2) 107-127
Mexico, Proterozoic 96(3-4) 245-262
Mongolia 100(1-3) 371-433
New York, Proterozoic 96(3-4) 245-262
Northwest Territories 94(3-4) 175-204
petrology 77(1-2) 59-89
plate tectonics 82(1-2) 101-112
South Africa 79(1-2) 73-100
geochemistry 79(1-2) 37-55
sedimentary petrology 68(3-4) 257-290
South America, plate tectonics 69(1-4) 327-344
South Australia 87(3-4) 135-159; 100(1-3) 121-150; 100(1-3) 299-312
Tasmania Australia 100(1-3) 299-312
tectonophysics 82(3-4) 351-352; 84(1-2) 113-115
Western Australia 100(1-3) 359-370
sedimentary petrology 60(1-4) 337-359
Zimbabwe, tectonics 98(1-2) 67-82

paleolatitude
Australia 85(3-4) 173-199
Canada, tectonics 90(1-2) 85-101
China 85(3-4) 173-199; 100(1-3) 313-334
paleomagnetism 94(1-2) 1-10
Finland 64(1-4) 253-271
Greenland 54(2-4) 153-172
India 69(1-4) 157-167; 76(1-2) 31-46
Nebraska 76(1-2) 47-65
Northern Territory Australia 72(1-2) 1-41
Queensland Australia 69(1-4) 241-258; 72(1-2) 1-41
Western Australia 69(1-4) 133-155; 100(1-3) 359-370
Yukon Territory, tectonophysics 69(1-4) 95-112

paleomagnetism *see also* anhysteretic remanent magnetization; apparent polar wandering; chemical remanent magnetization; magnetic anomalies; magnetic

declination; magnetic domains; magnetic hysteresis; magnetic inclination; magnetic intensity; magnetic susceptibility; magnetostratigraphy; natural remanent magnetization; polar wandering; pole positions; remanent magnetization; thermochemical remanent magnetization; thermoremanent magnetization
69(1-4) 1-344
Australia 100(1-3) 1-433
Bolivia, metamorphism 94(1-2) 73-99
Chile, metamorphism 94(1-2) 73-99
Far East 70(1-2) 113-143
Himalayas 70(1-2) 113-143
India, tectonophysics 82(3-4) 350-351
Mexico, metamorphism 94(1-2) 73-99
tectonophysics 82(3-4) 351-352
Texas, metamorphism 94(1-2) 73-99
paleontology *see* Foraminifera; ichnofossils; Porifera; problematic fossils; Protista
Paleoproterozoic *see* Aphebian; Birrimian; Cobalt Group; Karelian; Mazatzal Orogeny; Svecofennian; Svecofennian Orogeny; Thomson Formation; Torngat Orogeny; Transamazonian Orogeny; Willyama Complex
paleosalinity
Canada, metal ores 58(1-4) 355-386
Europe 82(3-4) 311-348
Rocky Mountains, algae 61(3-4) 241-278
South Africa
geochemistry 78(4) 273-287
metal ores 79(1-2) 141-169
South Australia, metal ores 79(3-4) 281-305
United States, metal ores 58(1-4) 355-386
Paleosols
Northwest Territories, stratigraphy 68(1-2) 115-137
South Africa
petrology 63(1-2) 27-41
stratigraphy 54(2-4) 257-269; 67(1-2) 159-180
Western Australia, Archean 65(1-4) 297-317
Paleozoic *see also* Cambrian; Carboniferous; Devonian; Ordovician; Permian; Silurian
Alice Springs Orogeny, Northern Territory Australia 71(1-4) 315-346
Antarctica 75(3-4) 157-174; 75(3-4) 209-229
Appalachians 99(1-2) 113-146
Brazil 79(3-4) 347-361; 80(3-4) 217-238
Caledonian Orogeny
Canada 82(1-2) 174-175
Europe 69(1-4) 25-50
Greenland 63(1-2) 163-178; 72(3-4) 301-315; 82(1-2) 174-175
Russian Federation 64(1-4) 3-21
Delamerian Orogeny, Australia 69(1-4) 293-306
Germany 73(1-4) 235-250
Himalayas 74(1-2) 35-55
Magdalena Group, structural geology 67(3-4) 349-356
Northern Territory Australia 71(1-4) 183-205; 71(1-4) 229-250
Zimbabwe 81(3-4) 179-196; 98(1-2) 67-82
palynomorphs
acritarchs
Arctic region 53(3-4) 165-197
Australia 100(1-3) 235-280
Benin 57(1-2) 121-133
Brazil 80(1-2) 125-152
Burkina Faso 57(1-2) 121-133
Canada 73(1-4) 51-70; 100(1-3) 181-211
China 57(3-4) 243-323; 65(1-4) 95-114; 84(3-4) 197-220; 94(1-2) 121-137
Greenland 96(1-2) 1-23
India 72(3-4) 171-184; 74(1-2) 91-117; 97(1-2) 99-113
Namibia 73(1-4) 51-70; 100(1-3) 181-211
Northwest Territories 96(1-2) 1-23
Rocky Mountains 61(3-4) 241-278
South Australia 73(1-4) 51-70; 74(3) 119-175; 100(1-3) 181-211
Spitsbergen 53(3-4) 165-197
Dinoflagellata, China 84(3-4) 197-220
South Africa, Archean 54(2-4) 271-293
South Australia, Proterozoic 100(1-3) 281-298
Pan-African Orogeny
Africa
plate tectonics 69(1-4) 327-344
tectonophysics 53(1-2) 149-163
Algeria
structural geology 65(1-4) 155-166
tectonophysics 69(1-4) 307-326
Antarctic Ocean, metamorphism 89(3-4) 175-205
Antarctica 75(3-4) 175-188; 75(3-4) 251-262
Benin, petrology 82(3-4) 191-209
Brazil
deformation 65(1-4) 25-54
petrology 80(3-4) 217-238
plate tectonics 78(4) 301-302
structural geology 77(1-2) 1-15; 81(3-4) 241-264; 90(1-2) 29-58
Cameroon 67(3-4) 321-347
Ethiopia
geochemistry 96(1-2) 101-124
metamorphism 62(3) 271-283
structural geology 52(1-2) 179-186
Gabon, gold ores 77(3-4) 143-159
Ghana 67(1-2) 89-107
foliation 82(1-2) 153-171
gold ores 89(3-4) 129-143
tectonophysics 56(1-2) 97-111
India 94(3-4) 251-271
petrology 66(1-4) 379-392
plate tectonics 70(3-4) 269-280; 82(1-2) 173-175; 85(3-4) 241-242
tectonophysics 82(3-4) 350-351
Israel, magmas 92(2) 195-213
Jordan, geochemistry 56(1-2) 51-72
Malawi, structural geology 62(3) 207-226
Morocco
plate tectonics 54(2-4) 295-319
volcanism 70(1-2) 25-44
Mozambique
metamorphism 62(3) 271-283
tectonics 62(1-2) 1-59
Namibia
faults 90(1-2) 1-28
magmas 92(4) 341-363
structural geology 57(3-4) 169-194
Niger, folds 67(1-2) 59-88
Nigeria, structural geology 87(1-2) 65-74
plate tectonics 82(1-2) 101-112
Romania, orogeny 80(3-4) 281-301
South Africa
faults 90(1-2) 1-28
tectonophysics 97(3-4) 303-323
South America, plate tectonics 69(1-4) 327-344
Sri Lanka
geochemistry 66(1-4) 223-244
petrology 66(1-4) 379-392
phase equilibria 66(1-4) 265-294
plate tectonics 66(1-4) 77-91; 70(3-4) 269-280
structural geology 66(1-4) 59-76; 75(3-4) 263-277
Sudan, plate tectonics 53(1-2) 99-118
Tanzania, structural geology 62(3) 207-226
Togo, foliation 82(1-2) 153-171
Zambia 63(3-4) 189-209
Zimbabwe
geochemistry 81(3-4) 179-196
paleomagnetism 69(1-4) 269-280
tectonics 98(1-2) 67-82
Pangaea
China, paleomagnetism 94(1-2) 1-10
tectonophysics 82(3-4) 351-352; 84(1-2) 113-115
Panorama Formation
geochemistry 60(1-4) 99-116
Papua New Guinea
tectonophysics 65(1-4) 183-205
Paraburdoo Member
Archean 72(3-4) 247-261
sedimentary petrology 60(1-4) 287-335
Paradise Arm Pluton
orogeny 80(3-4) 239-260

Paradise River Pluton
structural geology 81(1-2) 101-128
paragenesis
Benin, petrology 82(3-4) 191-209
Brazil
gold ores 68(1-2) 139-167
metal ores 58(1-4) 195-214
Central African Republic, petrology 68(1-2) 97-113
Ethiopia, structural geology 77(3-4) 179-210
metal ores 58(1-4) 387-400
Northwest Territories, stratigraphy 68(1-2) 115-137
Ontario, geochemistry 52(3-4) 347-380
Saskatchewan, geochronology 95(3-4) 187-223
South Africa, metal ores 59(1-2) 43-71
Sri Lanka, geochemistry 66(1-4) 199-220; 66(1-4) 325-349
paragneiss
Antarctica, geochronology 75(3-4) 175-188
Europe, plate tectonics 64(1-4) 207-223
Greenland
Archean 62(3) 239-270
geochemistry 57(1-2) 49-90
Manitoba, structural geology 72(1-2) 147-167
Mexico, Proterozoic 96(3-4) 245-262
New York, Proterozoic 96(3-4) 245-262
Northern Territory Australia, geochronology 71(1-4) 207-227
Ontario 72(3-4) 263-281
Quebec 72(3-4) 263-281
Saskatchewan, structural geology 72(1-2) 147-167
Scotland, Archean 62(3) 239-270
Sri Lanka
geochronology 66(1-4) 95-110; 66(1-4) 123-149
structural geology 66(1-4) 21-37
Paraguay Belt
petrology 80(3-4) 217-238
Paraiba Domain
structural geology 79(3-4) 347-361
parallel folds *see* concentric folds
Parana Basin
structural geology 98(1-2) 31-51
Parana Brazil
structural geology 98(1-2) 31-51
Parana River basin *see* Parana Basin
Paranoa Group
stratigraphy 80(1-2) 125-152
Parent Group
plate tectonics 63(3-4) 211-223
Parguaza Batholith
tectonics 85(1-2) 1-25
Parguaza Complex
tectonics 85(1-2) 1-25
Parguaza Granite
petrology 95(1-2) 9-39
Parry Island Complex
structural geology 59(1-2) 73-94
Parry Sound Ontario
structural geology 59(1-2) 73-94
partition coefficients 51(1-4) 161-172; 70(1-2) 1-24; 82(1-2) 63-84; 82(3-4) 211-236; 92(2) 195-213
passive margins
Brazil, structural geology 90(1-2) 29-58; 98(1-2) 31-51
Canadian Shield, geochemistry 94(3-4) 139-173
Ethiopia, structural geology 77(3-4) 179-210
Ghana, foliation 82(1-2) 153-171
India, geochemistry 87(1-2) 75-85
Northwest Territories, Archean 81(3-4) 265-297
South Africa, metal ores 91(1-2) 65-90
South Dakota, metal ores 58(1-4) 85-97
Sri Lanka, plate tectonics 66(1-4) 77-91
Togo, foliation 82(1-2) 153-171
Wyoming, metal ores 58(1-4) 85-97
Paterson Orogeny
metal ores 58(1-4) 345-354
metamorphism 83(4) 243-265
Paterson Province
magmas 51(1-4) 375-391
Pb *see* lead
Pb-204/Pb-208 *see* Pb-208/Pb-204
Pb-206 Pb-207 *see* Pb-207/Pb-206
Pb-206/Pb-204
Bolivia, metamorphism 94(1-2) 73-99
Brazil, Proterozoic 72(3-4) 235-245
Burkina Faso, sedimentary petrology 80(3-4) 153-172
Cameroon, Archean 67(3-4) 321-347
Canadian Shield, geochemistry 96(1-2) 83-99
Chile, metamorphism 94(1-2) 73-99
China, Proterozoic 62(1-2) 171-190
Colorado
Cretaceous 63(1-2) 97-122
magmas 85(1-2) 53-79
Estonia, geochemistry 79(3-4) 209-226
Finland, metal ores 51(1-4) 265-281
French Guiana, structural geology 92(2) 165-194
Greenland, petrology 63(3-4) 293-323
India, geochemistry 62(1-2) 127-137
Labrador, petrology 63(3-4) 293-323; 93(4) 281-297
Latvia, geochemistry 79(3-4) 209-226
Manitoba, geochronology 68(1-2) 1-21
mantle 91(3-4) 233-252
Mexico, metamorphism 94(1-2) 73-99
New Mexico, Cretaceous 63(1-2) 97-122
Newfoundland, petrology 63(3-4) 293-323; 93(4) 281-297
North Carolina, Proterozoic 68(1-2) 81-95
Russian Federation
intrusions 62(4) 453-472
petrology 62(4) 473-491
South Africa
Archean 72(3-4) 247-261
geochemistry 55(1-4) 451-467
petrology 78(1-3) 139-150; 87(1-2) 87-115
Sri Lanka
geochronology 66(1-4) 111-121; 66(1-4) 123-149
Proterozoic 66(1-4) 151-181
Sweden
lead ores 81(1-2) 83-99
metal ores 51(1-4) 265-281; 82(1-2) 1-12
Texas
magmas 85(1-2) 53-79
metamorphism 94(1-2) 73-99
Virginia, Proterozoic 68(1-2) 81-95
Western Australia
Archean 61(1-2) 1-26; 72(3-4) 247-261
magmas 51(1-4) 375-391
Zimbabwe
geochemistry 55(1-4) 451-467
petrology 87(1-2) 87-115
Pb-206/Pb-207 *see* Pb-207/Pb-206
Pb-207/Pb-204
Bolivia, metamorphism 94(1-2) 73-99
Brazil, Proterozoic 72(3-4) 235-245
Canadian Shield, geochemistry 96(1-2) 83-99
Chile, metamorphism 94(1-2) 73-99
China, Proterozoic 62(1-2) 171-190
Colorado
Cretaceous 63(1-2) 97-122
magmas 85(1-2) 53-79
Estonia, geochemistry 79(3-4) 209-226
Finland, metal ores 51(1-4) 265-281
Greenland, petrology 63(3-4) 293-323
India, geochemistry 62(1-2) 127-137
Labrador, petrology 63(3-4) 293-323; 93(4) 281-297
Latvia, geochemistry 79(3-4) 209-226
Manitoba, geochronology 68(1-2) 1-21
Mexico, metamorphism 94(1-2) 73-99
New Mexico, Cretaceous 63(1-2) 97-122
Newfoundland, petrology 63(3-4) 293-323; 93(4) 281-297
Russian Federation
intrusions 62(4) 453-472
petrology 62(4) 473-491
South Africa

Archean 72(3-4) 247-261
geochemistry 55(1-4) 451-467
petrology 78(1-3) 139-150; 87(1-2) 87-115
Sri Lanka, geochronology 66(1-4) 111-121; 66(1-4) 123-149
Sweden
lead ores 81(1-2) 83-99
metal ores 51(1-4) 265-281; 82(1-2) 1-12
Texas
magmas 85(1-2) 53-79
metamorphism 94(1-2) 73-99
Western Australia
Archean 72(3-4) 247-261
magmas 51(1-4) 375-391
Zimbabwe
geochemistry 55(1-4) 451-467
petrology 87(1-2) 87-115

Pb-207/Pb-206
Africa, petrology 93(4) 299-337
Burkina Faso, sedimentary petrology 80(3-4) 153-172
Cameroon, Archean 67(3-4) 321-347
Colorado, Cretaceous 63(1-2) 97-122
French Guiana, structural geology 92(2) 165-194
Manitoba, geochronology 68(1-2) 1-21
New Mexico, Cretaceous 63(1-2) 97-122
North Carolina, Proterozoic 68(1-2) 81-95
Ontario, geochemistry 74(1-2) 73-89
South Africa, geochemistry 55(1-4) 451-467
Sri Lanka, Proterozoic 66(1-4) 151-181
Virginia, Proterozoic 68(1-2) 81-95
Western Australia, Archean 61(1-2) 1-26
Zimbabwe, geochemistry 55(1-4) 451-467

Pb-208/Pb-204
Bolivia, metamorphism 94(1-2) 73-99
Brazil, Proterozoic 72(3-4) 235-245
Canadian Shield, geochemistry 96(1-2) 83-99
Chile, metamorphism 94(1-2) 73-99
China, Proterozoic 62(1-2) 171-190
Colorado
Cretaceous 63(1-2) 97-122
magmas 85(1-2) 53-79
Estonia, geochemistry 79(3-4) 209-226
Finland, metal ores 51(1-4) 265-281
Greenland, petrology 63(3-4) 293-323
Labrador, petrology 63(3-4) 293-323; 93(4) 281-297
Latvia, geochemistry 79(3-4) 209-226
Mexico, metamorphism 94(1-2) 73-99
New Mexico, Cretaceous 63(1-2) 97-122
Newfoundland, petrology 63(3-4) 293-323; 93(4) 281-297
Russian Federation
intrusions 62(4) 453-472
petrology 62(4) 473-491
South Africa
Archean 72(3-4) 247-261
petrology 78(1-3) 139-150; 87(1-2) 87-115
Sri Lanka, geochronology 66(1-4) 111-121; 66(1-4) 123-149
Sweden
lead ores 81(1-2) 83-99
metal ores 51(1-4) 265-281; 82(1-2) 1-12
Texas
magmas 85(1-2) 53-79
metamorphism 94(1-2) 73-99
Western Australia, Archean 72(3-4) 247-261
Zimbabwe, petrology 87(1-2) 87-115

Pb-208/Pb-206
Cameroon, Archean 67(3-4) 321-347
French Guiana, structural geology 92(2) 165-194
Manitoba, geochronology 68(1-2) 1-21
North Carolina, Proterozoic 68(1-2) 81-95
Virginia, Proterozoic 68(1-2) 81-95

Pb/Pb
Africa, petrology 78(1-3) 105-124
Antarctica, geochronology 75(3-4) 175-188
Appalachians, geochronology 99(1-2) 113-146
Arctic Ocean, structural geology 64(1-4) 131-152
Arctic region, petrology 70(3-4) 215-234
Australia, Archean 79(1-2) 25-35
Belarus, tectonophysics 68(3-4) 231-240
Brazil
Archean 63(3-4) 179-188
petrology 68(3-4) 241-255; 78(1-3) 151-164
Proterozoic 72(3-4) 235-245
structural geology 79(3-4) 347-361
tectonophysics 53(1-2) 1-22; 82(1-2) 35-62
Burkina Faso, sedimentary petrology 80(3-4) 153-172
Canada
Archean 93(1) 5-26
geochronology 91(3-4) 383-399
Canadian Shield, geochemistry 96(1-2) 83-99
Central African Republic, petrology 68(1-2) 97-113
China
crust 78(1-3) 79-94
geochronology 97(1-2) 43-57
intrusions 56(1-2) 1-31
Proterozoic 62(1-2) 171-190
Egypt, Proterozoic 59(1-2) 15-32
Estonia
geochemistry 79(3-4) 209-226
tectonophysics 68(3-4) 231-240
Finland, Precambrian 64(1-4) 109-130
French Guiana, structural geology 92(2) 165-194
Ghana
geochronology 67(1-2) 89-107
gold ores 89(3-4) 129-143
tectonophysics 56(1-2) 97-111
Greenland
Archean 62(3) 239-270; 93(1) 5-26
geochronology 91(3-4) 383-399
petrology 63(3-4) 293-323; 78(1-3) 1-39
tectonophysics 91(3-4) 365-381
India
base metals 99(3-4) 171-178
geochronology 77(1-2) 17-22; 78(4) 261-272; 93(2-3) 139-151
magmas 99(3-4) 225-254
metal ores 58(1-4) 71-83
petrology 84(3-4) 181-196
Ivory Coast
geochemistry 87(1-2) 33-63
petrology 80(3-4) 173-191
Labrador, petrology 63(3-4) 293-323
Latvia, geochemistry 79(3-4) 209-226
Malawi, petrology 85(1-2) 27-51
Manitoba, structural geology 80(1-2) 107-124
Montana, Archean 91(3-4) 295-307
Namibia, magmas 92(4) 341-363
Newfoundland, petrology 63(3-4) 293-323
Northern Territory Australia
geochronology 71(1-4) 45-68
Proterozoic 71(1-4) 69-89; 71(1-4) 91-105; 71(1-4) 107-129; 71(1-4) 155-181
volcanism 94(3-4) 225-250
Norway
cobalt ores 91(3-4) 419-432
Proterozoic 87(3-4) 117-135
Ontario
Archean 76(3-4) 191-211
tectonophysics 91(3-4) 445-454
Quebec, petrology 79(3-4) 327-346
Queensland Australia
geochronology 71(1-4) 131-153
volcanism 94(3-4) 225-250
Russian Federation
crust 91(3-4) 333-363
intrusions 62(4) 453-472
petrology 64(1-4) 197-205
Saskatchewan, geochronology 61(1-2) 27-50; 95(3-4) 187-223
Scotland, Archean 62(3) 239-270
South Africa
Archean 72(3-4) 247-261; 79(1-2) 25-35

geochemistry 54(2-4) 231-256; 91(3-4) 253-267
gold ores 95(3-4) 167-185
lava 78(1-3) 125-138
metasomatism 92(2) 129-144
petrology 87(1-2) 87-115
structural geology 96(3-4) 263-288
South Australia
Proterozoic 71(1-4) 155-181; 94(3-4) 205-224
stratigraphy 100(1-3) 299-312
Spitsbergen, petrology 70(3-4) 215-234
Sri Lanka, Proterozoic 66(1-4) 151-181
Sudan
plate tectonics 53(1-2) 99-118
Proterozoic 59(1-2) 15-32
Swaziland, petrology 67(1-2) 109-139
Sweden
geochemistry 64(1-4) 319-335
lead ores 81(1-2) 83-99
orogeny 64(1-4) 225-238
Precambrian 64(1-4) 109-130
Proterozoic 64(1-4) 361-388; 87(3-4) 117-135; 92(4) 319-339
structural geology 75(1-2) 17-29; 94(1-2) 29-48
Tasmania Australia, stratigraphy 100(1-3) 299-312
Ukraine, petrology 78(1-3) 65-78
Western Australia
Archean 72(3-4) 247-261; 91(3-4) 309-332
geochemistry 54(2-4) 231-256; 96(1-2) 41-62
gold ores 51(1-4) 85-113; 88(1-4) 249-265
magmas 51(1-4) 375-391
petrology 60(1-4) 117-149; 78(1-3) 165-178; 78(4) 237-260; 96(1-2) 125-139
Proterozoic 60(1-4) 69-98
structural geology 59(1-2) 95-123; 83(1-3) 57-81; 94(1-2) 11-28
Wyoming, Archean 91(3-4) 295-307
Zimbabwe
Archean 91(3-4) 269-285
deformation 70(3-4) 191-213
petrology 87(1-2) 87-115

pebbles
Burkina Faso 80(3-4) 153-172

Pechenga
metal ores 58(1-4) 289-303
sea-floor spreading 92(3) 215-221
tectonophysics 82(1-2) 133-151

Pechenga-Imandra-Varzuga Belt
metal ores 58(1-4) 289-303
petrology 75(1-2) 31-46

Pechenga-Varzuga Belt
sea-floor spreading 92(3) 215-221
tectonophysics 82(1-2) 133-151

Pedlar Massif
geochemistry 84(1-2) 37-62

pedogenesis
Northwest Territories, stratigraphy 68(1-2) 115-137
South Africa, stratigraphy 67(1-2) 159-180

Pedra Alta Pluton
structural geology 84(3-4) 139-162

pegmatite
Antarctica, foliation 65(1-4) 277-295
Bolivia 94(1-2) 73-99
Chile 94(1-2) 73-99
geochemistry 51(1-4) 429-468
Labrador 51(1-4) 315-336
Proterozoic 99(1-2) 65-90
structural geology 81(1-2) 101-128
Manitoba, structural geology 72(1-2) 147-167
Mexico 94(1-2) 73-99
Newfoundland 51(1-4) 315-336
Proterozoic 99(1-2) 65-90
structural geology 81(1-2) 101-128
Northern Territory Australia 77(3-4) 211-229
Proterozoic 71(1-4) 69-89; 71(1-4) 91-105; 71(1-4) 315-346
Ontario 92(2) 117-128
structural geology 89(1-2) 25-45
Proterozoic 51(1-4) 337-350
Quebec, deformation 92(2) 145-164
Queensland Australia, geochronology 71(1-4) 131-153
Saskatchewan
geochronology 95(3-4) 187-223
structural geology 72(1-2) 147-167
South Africa 70(3-4) 303-335; 77(3-4) 243-271
geochemistry 91(3-4) 253-267
structural geology 55(1-4) 7-16
Sri Lanka, structural geology 66(1-4) 39-57
Swaziland 61(1-2) 89-116
Sweden 76(1-2) 15-30; 82(1-2) 85-99
plate tectonics 67(1-2) 141-158
Texas 94(1-2) 73-99
Western Australia
Archean 61(1-2) 1-26
structural geology 59(1-2) 95-123
Zimbabwe, structural geology 55(1-4) 7-16

pelite *see* shale
pelitic schist *see* slates

Pendjari Formation
paleobotany 57(1-2) 121-133

peneplains
Denmark, geomorphology 64(1-4) 337-345
Sweden, geomorphology 64(1-4) 337-345

Penge Iron Formation
Archean 79(1-2) 3-24
geochemistry 79(1-2) 37-55

Peninsular Gneiss
structural geology 72(3-4) 283-299

Peninsular Shield *see* Indian Shield

Penokean Orogeny
Ontario
deformation 93(1) 51-70
metal ores 58(1-4) 99-119
petrology 91(3-4) 287-294
plate tectonics 91(3-4) 433-444
United States, metal ores 58(1-4) 99-119

People's Republic of the Congo *see* Congo

peridotites *see* harzburgite

Permian
Bolivia 61(3-4) 181-190
Michigan 61(3-4) 181-190
New South Wales Australia 71(1-4) 251-263
North Sea 64(1-4) 23-51
Russian Federation 61(3-4) 181-190
Scandinavia 64(1-4) 23-51
South Africa 97(3-4) 303-323
United Arab Emirates 61(3-4) 181-190
Wyoming 61(3-4) 181-190

Pernambuco Brazil
structural geology 99(1-2) 1-32

Persia *see* Iran

Persian Gulf
energy sources 54(1) 1-14

Peter Lake Domain
tectonophysics 69(1-4) 11-24

Petermann Orogeny
Proterozoic 71(1-4) 155-181; 74(3) 119-175

Pethei Group
Proterozoic 90(3-4) 187-202

petrofabrics
China, Proterozoic 84(3-4) 197-220

petrogeometry *see* structural analysis

petroleum *see also* bitumens; natural gas; petroleum exploration
54(1) 1-108; 85(1-2) 115-116
Northern Territory Australia 54(1) 81-108
Oman 54(1) 15-36
South Australia 78(4) 298-299
tectonophysics 91(1-2) 5-13

petroleum exploration *see also* natural gas
Russian Federation 54(1) 37-44

petrologen *see* kerogen

petrology *see* crystalline rocks; fluid inclusions; igneous rocks; inclusions; intrusions; lava; magmas; metamorphic rocks; metamorphism; metasomatism; phase equilibria; volcanism

petromorphology *see* structural analysis
petrostratigraphy *see* lithostratigraphy
Petsamo *see* Pechenga
Petscapiscau Group
orogeny 86(3-4) 117-154
PGE *see* platinum group
Phalaborwa Complex
Archean 55(1-4) 17-31
Phanerozoic
61(3-4) 169-322; 61(3-4) 171-179; 61(3-4) 295-322; 91(1-2) 5-13
Bolivia 61(3-4) 181-190
Michigan 61(3-4) 181-190
Russian Federation 61(3-4) 181-190
United Arab Emirates 61(3-4) 181-190
Western Australia 98(3-4) 243-270
Wyoming 61(3-4) 181-190
phase equilibria *see also* carbon dioxide; crystal chemistry
India 83(4) 267-290
South Africa 55(1-4) 201-207
Sri Lanka 66(1-4) 265-294
Zimbabwe 55(1-4) 201-207
phlogopite
Brazil, structural geology 81(3-4) 241-264
India, Proterozoic 62(3) 227-237; 79(3-4) 363-369
South Africa, Archean 55(1-4) 17-31
Zimbabwe, Archean 55(1-4) 17-31
Phormidium
Protista 85(3-4) 201-239
phosphate deposits
China, geochemistry 80(1-2) 23-48
phosphate rocks
China, geochemistry 89(1-2) 77-86
phosphates *see also* apatite; monazite; xenotime
petrology 51(1-4) 161-172
phosphorite *see* phosphate rocks
phosphorus
Ontario, petrology 84(1-2) 17-36
phyllites
China, plate tectonics 76(1-2) 67-76
Zimbabwe, stratigraphy 77(3-4) 161-178
phyllonites
Virginia 59(1-2) 33-42
phytane
Michigan, geochemistry 54(1) 65-79
Oman, energy sources 54(1) 1-14
Wisconsin, geochemistry 54(1) 65-79
phytogeography *see* biogeography
picrite
India 65(1-4) 1-23
Ontario, geochemistry 93(4) 257-279
Russian Federation, tectonophysics 82(1-2) 133-151
Picuris Range
Cretaceous 63(1-2) 97-122
piercing fold *see* diapirs
Pietersburg greenstone belt
intrusions 55(1-4) 81-92
structural geology 55(1-4) 123-153; 61(1-2) 67-88
tectonics 55(1-4) 69-80
pigeonite
Brazil, petrology 99(3-4) 309-325
Pikes Peak Batholith
magmas 85(1-2) 53-79; 98(3-4) 271-305
Pilbara Block *see also* Warrawoona Group
Archean 56(3-4) 169-189; 65(1-4) 297-317; 79(1-2) 3-24; 97(3-4) 165-189; 97(3-4) 269-302
areal geology 60(1-4) 1-359
geochemistry 54(2-4) 211-229; 54(2-4) 231-256; 57(1-2) 21-47; 80(1-2) 49-76
gold ores 88(1-4) 249-265
magmas 60(1-4) 151-174
metal ores 58(1-4) 345-354; 88(1-4) 1-2; 88(1-4) 1-265; 88(1-4) 67-82; 98(3-4) 243-270
metamorphism 83(4) 243-265
paleomagnetism 100(1-3) 335-357
petrology 60(1-4) 117-149; 88(1-4) 3-23; 95(3-4) 275, 277-302
plate tectonics 88(1-4) 143-171
Proterozoic 99(1-2) 33-64
sedimentary petrology 60(1-4) 287-335; 60(1-4) 337-359
sedimentation 60(1-4) 243-286
stratigraphy 97(3-4) 155-164
structural geology 60(1-4) 185-241; 88(1-4) 25-52; 88(1-4) 173-205; 88(1-4) 233-247; 91(1-2) 15-39; 94(1-2) 11-28
tectonics 88(1-4) 109-142
tectonophysics 91(1-2) 181-227
volcanism 60(1-4) 175-183
Pilbara Supergroup
geochemistry 57(1-2) 21-47
Pilgangoora greenstone belt
gold ores 88(1-4) 249-265
Pilgrim's Rest gold field
metal ores 79(1-2) 141-169
Pindyin Sandstone
Proterozoic 74(3) 119-175
Pine Creek Inlier
metal ores 78(4) 211-235
Pinjarra Orogeny
metal ores 58(1-4) 345-354
Pinware Terrane
structural geology 81(1-2) 101-128
Piracicaba Group
Proterozoic 72(3-4) 235-245
Pirila Granite
tectonophysics 82(1-2) 13-34
pitching folds *see* plunging folds
placers
Ghana, geochronology 67(1-2) 89-107
South Africa, Archean 97(3-4) 191-214
Western Australia, metal ores 58(1-4) 55-70
plagioclase *see also* albite
Ghana, gold ores 89(3-4) 129-143
Scotland, geochronology 91(3-4) 401-418
plagioclasite *see* anorthosite
planar bedding structures *see* bedding; cross-bedding; cross-stratification; cyclothems; hummocky cross-stratification; laminations; rhythmic bedding; rhythmite
planetology 76(3-4) 229-230
Plantae *see also* algae
Brazil, diagenesis 70(3-4) 253-268
Colorado, metal ores 61(3-4) 231-240
Russian Federation, stratigraphy 73(1-4) 251-270
plastic deformation
Brazil 77(1-2) 1-15
Niger 70(3-4) 281-301
Ontario 77(1-2) 41-57
plate boundaries *see also* active margins; passive margins; plate convergence
Arabian Peninsula, metal ores 58(1-4) 169-194
Australia, petrology 81(1-2) 37-66
Central African Republic, petrology 68(1-2) 97-113
petrology 82(3-4) 237-263
Russian Federation, plate tectonics 64(1-4) 3-21
Sweden, petrology 95(1-2) 147-166
Western Australia, tectonophysics 91(1-2) 181-227
plate collision
Africa, plate tectonics 69(1-4) 327-344
Antarctic Ocean, structural geology 75(3-4) 189-207
Antarctica, orogeny 75(3-4) 231-250
Atlantic region, plate tectonics 69(1-4) 169-191
Australia, plate tectonics 69(1-4) 293-306
Brazil
magmas 62(3) 323-342
petrology 68(3-4) 241-255
plate tectonics 53(1-2) 23-40; 76(3-4) 213-227
structural geology 77(1-2) 1-15; 90(1-2) 29-58; 92(3) 251-275; 97(1-2) 3-26
tectonophysics 81(3-4) 299-310
Canadian Shield, plate tectonics 63(3-4) 211-223; 63(3-4) 325-347
China

geochemistry 80(1-2) 23-48
plate tectonics 76(1-2) 67-76; 81(1-2) 129-144
tectonics 78(1-3) 95-103
Ethiopia, structural geology 62(3) 307-322; 77(3-4) 179-210
Europe, plate tectonics 64(1-4) 207-223
Far East, structural geology 55(1-4) 571-587
Finland
isostasy 86(1-2) 21-44
tectonophysics 64(1-4) 85-108; 82(1-2) 13-34
French Guiana, structural geology 92(2) 165-194
Gabon, gold ores 77(3-4) 143-159
Ghana, geochronology 67(1-2) 89-107
Greenland
faults 68(1-2) 65-79
petrology 78(1-3) 1-39
structural geology 72(3-4) 301-315
Himalayas, structural geology 55(1-4) 571-587
India
geochronology 78(4) 261-272
petrology 66(1-4) 379-392; 91(1-2) 41-63
tectonophysics 80(1-2) 77-87; 99(3-4) 149-169
Labrador, structural geology 70(3-4) 169-190
Manitoba, geochemistry 92(1) 37-64
Mexico, Proterozoic 96(3-4) 245-262
Morocco
petrology 53(1-2) 79-97
plate tectonics 54(2-4) 295-319
Mozambique
structural geology 62(3) 307-322
tectonics 62(1-2) 1-59
New York, Proterozoic 96(3-4) 245-262
Newfoundland, structural geology 70(3-4) 169-190
Northwest Territories, structural geology 93(1) 27-49
Ontario
petrology 84(1-2) 17-36
structural geology 59(1-2) 73-94
tectonophysics 65(1-4) 183-205
Papua New Guinea, tectonophysics 65(1-4) 183-205
plate tectonics 82(1-2) 101-112
Quebec, structural geology 93(1) 27-49
Russian Federation
plate tectonics 64(1-4) 3-21
tectonophysics 64(1-4) 85-108; 82(1-2) 133-151
Saskatchewan
geochemistry 92(1) 37-64
geochronology 95(3-4) 187-223
tectonophysics 69(1-4) 11-24
South Africa
metal ores 59(1-2) 43-71
metamorphism 55(1-4) 1-5
plate tectonics 86(1-2) 71-92
structural geology 55(1-4) 93-110; 55(1-4) 525-538; 55(1-4) 553-570
tectonophysics 97(3-4) 303-323
South America, plate tectonics 69(1-4) 327-344
Sri Lanka
geochronology 66(1-4) 111-121
petrology 66(1-4) 379-392
plate tectonics 66(1-4) 77-91
structural geology 66(1-4) 21-37; 75(3-4) 263-277
tectonophysics 80(1-2) 77-87
structural geology 93(1) 1-137
Sudan, plate tectonics 53(1-2) 99-118
Sweden
isostasy 86(1-2) 21-44
orogeny 64(1-4) 225-238
plate tectonics 67(1-2) 141-158
Proterozoic 64(1-4) 361-388
structural geology 64(1-4) 67-84
tectonics 93(1) 105-117
tectonophysics 81(1-2) 152-154
United Kingdom, faults 68(1-2) 65-79
Western Australia
geochemistry 83(1-3) 133-183
magmas 51(1-4) 375-391
metal ores 58(1-4) 345-354
metamorphism 83(4) 243-265
plate tectonics 88(1-4) 143-171
structural geology 83(1-3) 57-81; 88(1-4) 173-205; 90(3-4) 141-158
Zimbabwe
deformation 70(3-4) 191-213
metamorphism 55(1-4) 1-5
structural geology 55(1-4) 553-570

plate convergence
Africa
plate tectonics 69(1-4) 327-344
tectonophysics 69(1-4) 199-227
Antarctica, orogeny 75(3-4) 231-250
Canada, orogeny 86(3-4) 117-154
China, geochemistry 80(1-2) 23-48
Ethiopia, structural geology 77(3-4) 179-210
Finland, isostasy 86(1-2) 21-44
French Guiana, structural geology 92(2) 165-194
Greenland, faults 68(1-2) 65-79
India, structural geology 99(1-2) 91-111
Labrador, structural geology 70(3-4) 169-190; 81(1-2) 15-35
Morocco, plate tectonics 54(2-4) 295-319
Newfoundland, structural geology 70(3-4) 169-190; 81(1-2) 15-35
Northwest Territories, structural geology 93(1) 27-49
Ontario
petrology 81(3-4) 155-178
tectonophysics 65(1-4) 183-205
Papua New Guinea, tectonophysics 65(1-4) 183-205
Quebec
petrology 52(1-2) 71-96
structural geology 93(1) 27-49
South Africa, metal ores 91(1-2) 65-90
South America
plate tectonics 69(1-4) 327-344
tectonophysics 69(1-4) 199-227
Sri Lanka, petrology 66(1-4) 245-263
Sweden
isostasy 86(1-2) 21-44
magmas 52(3-4) 187-214
tectonophysics 91(1-2) 143-179
United Kingdom, faults 68(1-2) 65-79
Western Australia
metal ores 58(1-4) 55-70
plate tectonics 88(1-4) 143-171

plate divergence
Western Australia, metal ores 58(1-4) 55-70

plate margins *see* plate boundaries

plate rotation
Finland, isostasy 86(1-2) 21-44
Saskatchewan, tectonophysics 69(1-4) 11-24
Seychelles, tectonophysics 69(1-4) 281-292
Sweden, isostasy 86(1-2) 21-44

plate tectonics *see also* accretionary wedges; active margins; apparent polar wandering; back-arc basins; compression tectonics; continental crust; continental drift; continental margin; crustal shortening; crustal thinning; extension tectonics; fore-arc basins; hot spots; island arcs; mantle plumes; melange; obduction; ophiolite complexes; oroclines; passive margins; plate boundaries; plate collision; plate convergence; polar wandering; rift zones; sea-floor spreading; subduction; subduction zones; suture zones; terranes; transpression; Wilson cycle; Yangtze Plate
70(1-2) 166-167; 82(3-4) 351-352; 84(1-2) 113-115
Africa 53(1-2) 149-163
Brazil 78(4) 301-302; 99(3-4) 255-269
petrology 95(1-2) 41-67
Canada 82(1-2) 174-175
Greenland 82(1-2) 174-175
India 82(1-2) 173-175; 82(3-4) 350-351; 85(3-4) 241-242
metal ores 78(4) 297-298
volcanism 87(3-4) 217-231

metal ores 58(1-4) 1-446
Northwest Territories, metal ores 58(1-4) 1-24
Norway, stratigraphy 73(1-4) 197-216
Ontario, metal ores 58(1-4) 99-119
Pakistan, volcanism 87(3-4) 217-231
Russian Federation 89(1-2) 1-23; 98(3-4) 197-221
South Africa, geochronology 95(3-4) 225-243
South Australia, stratigraphy 87(3-4) 135-159
Sweden 92(1) 1-20
geochemistry 64(1-4) 319-335
metal ores 58(1-4) 143-167; 82(1-2) 1-12
United States, metal ores 58(1-4) 99-119
Western Australia
Archean 79(1-2) 3-24
geochronology 95(3-4) 225-243
plateau basalts *see* flood basalts
platinum group
South Africa, geochemistry 74(1-2) 1-33
platinum ores
Canada 58(1-4) 355-386
Canadian Shield 58(1-4) 25-54
Russian Federation 58(1-4) 427-446
South Dakota 58(1-4) 85-97
United States 58(1-4) 355-386
Wyoming 58(1-4) 85-97
Playter Harbour Group
geochemistry 52(1-2) 53-69
plugs
Queensland Australia, stratigraphy 69(1-4) 241-258
plumes
Canadian Shield, lava 89(1-2) 59-76
plunging folds
Ethiopia 52(1-2) 179-186
metamorphism 62(3) 271-283
Finland 64(1-4) 295-309
India 72(3-4) 283-299
petrology 66(1-4) 393-409
Mozambique, metamorphism 62(3) 271-283
Western Australia 88(1-4) 233-247
plutonic rocks *see also* carbonatites; diabase; diorites; gabbros; granites; jotunite; lamprophyres; syenites; ultramafics
Arabian Peninsula, tectonophysics 53(1-2) 119-147
Canadian Shield, Archean 97(1-2) 77-97
Colorado, Cretaceous 63(1-2) 97-122
Labrador 56(1-2) 73-87
Mali, geochemistry 65(1-4) 55-69
Mozambique, tectonics 62(1-2) 1-59
New Mexico, Cretaceous 63(1-2) 97-122
Newfoundland 56(1-2) 73-87
North Carolina, Proterozoic 68(1-2) 81-95
Sweden, structural geology 70(3-4) 235-251
Virginia, Proterozoic 68(1-2) 81-95
Western Australia 60(1-4) 117-149
plutons
82(3-4) 237-263
Antarctica, tectonics 86(1-2) 1-19
Arizona, structural geology 67(3-4) 349-356
Australia 81(1-2) 37-66
Brazil 62(3) 323-342; 87(1-2) 19-32; 95(1-2) 41-67
structural geology 84(3-4) 139-162; 99(1-2) 1-32
California, geochemistry 91(1-2) 109-142
Canada, tectonics 90(1-2) 85-101
Canadian Shield
Archean 97(1-2) 77-97
geochemistry 67(3-4) 207-241; 76(3-4) 155-190; 96(1-2) 83-99
Colorado 62(1-2) 139-169
Egypt, geochemistry 80(1-2) 1-22
Estonia, geochemistry 79(3-4) 209-226
Finland 51(1-4) 193-225
French Guiana, structural geology 92(2) 165-194
Ghana, gold ores 89(3-4) 129-143
Greenland, stratigraphy 54(2-4) 153-172; 69(1-4) 51-60
India
deformation 65(1-4) 319-339
structural geology 99(1-2) 91-111
Ivory Coast, tectonophysics 65(1-4) 207-229
Labrador 51(1-4) 193-225; 51(1-4) 315-336
Latvia, geochemistry 79(3-4) 209-226
Manitoba, structural geology 80(1-2) 107-124
Missouri 95(1-2) 69-88
New Mexico, structural geology 67(3-4) 349-356
Newfoundland 51(1-4) 193-225; 51(1-4) 315-336
Niger, structural analysis 70(3-4) 281-301
North Carolina, Proterozoic 68(1-2) 81-95
Northern Territory Australia 94(3-4) 225-250
Ontario 81(3-4) 223-239
Archean 76(3-4) 191-211
geochemistry 92(4) 365-387
plate tectonics 91(3-4) 433-444
Quebec 79(3-4) 327-346
foliation 68(3-4) 183-200
geochemistry 52(1-2) 37-51
Queensland Australia 94(3-4) 225-250
Romania, orogeny 80(3-4) 281-301
Saskatchewan 70(1-2) 145-164
South Africa 75(1-2) 1-15
geochronology 62(1-2) 83-101
Swaziland 61(1-2) 89-116
Sweden
iron ores 54(2-4) 109-130
structural geology 72(3-4) 199-225
Venezuela, tectonics 85(1-2) 1-25
Virginia, Proterozoic 68(1-2) 81-95
Western Australia
Archean 61(1-2) 1-26
folds 83(1-3) 43-56
structural geology 68(1-2) 43-64; 88(1-4) 173-205
Point Samson
geochemistry 57(1-2) 21-47; 80(1-2) 49-76
Pointe Geologie Archipelago
Proterozoic 94(3-4) 205-224
polar motion *see* polar wandering
POLAR Profile Project
tectonophysics 64(1-4) 153-168; 64(1-4) 169-187
polar wandering *see also* apparent polar wandering; continental drift; paleolatitude
Northwest Territories, tectonics 52(1-2) 1-35
Yukon Territory, tectonics 52(1-2) 1-35
pole positions *see also* apparent polar wandering
Africa
paleomagnetism 74(4) 225-244
tectonophysics 53(1-2) 149-163
Angola, stratigraphy 59(1-2) 1-13
Antarctica, paleomagnetism 74(4) 225-244
Brazil, stratigraphy 99(3-4) 179-196
China, paleomagnetism 100(1-3) 313-334
Greenland, stratigraphy 69(1-4) 51-60
India
paleomagnetism 69(1-4) 259-267
stratigraphy 69(1-4) 157-167
tectonophysics 80(1-2) 77-87
Kenya, stratigraphy 69(1-4) 113-131
Queensland Australia, stratigraphy 69(1-4) 241-258
Russian Federation, tectonophysics 98(3-4) 197-221
Saskatchewan, tectonophysics 69(1-4) 11-24
South Africa, stratigraphy 69(1-4) 193-197
Sri Lanka, tectonophysics 80(1-2) 77-87
Western Australia
paleomagnetism 100(1-3) 335-357; 100(1-3) 359-370
stratigraphy 69(1-4) 133-155
pole shifting *see* polar wandering
polianite *see* pyrolusite

polished surface *see* slickensides
pollution
geochemistry 51(1-4) 429-468
Labrador, petrology 56(1-2) 73-87
Newfoundland, petrology 56(1-2) 73-87
South Africa, petrology 55(1-4) 33-45
Sweden
magmas 52(3-4) 187-214
petrology 52(3-4) 215-230
Zimbabwe, petrology 55(1-4) 33-45
Pololeptus biacris
paleobotany 65(1-4) 95-114
Pololeptus rugosa
paleobotany 65(1-4) 95-114
Polonnaruwa Metatonalite
geochronology 66(1-4) 123-149
polymerization 56(1-2) 159-166
polymetallic ores
New South Wales Australia 98(1-2) 1-10
South Australia 79(3-4) 281-305
Western Australia, magmas 51(1-4) 375-391
polymetamorphism
Antarctic Ocean, structural geology 75(3-4) 189-207
Antarctica
geochemistry 75(3-4) 157-174
structural geology 75(3-4) 209-229
Appalachians, geochronology 99(1-2) 113-146
China, structural geology 67(1-2) 37-57
Finland 59(3-4) 171-205
India 83(4) 267-290
deformation 65(1-4) 319-339
Northern Territory Australia 77(3-4) 211-229
South Africa 87(1-2) 87-115
Sweden, Proterozoic 64(1-4) 361-388
Zimbabwe 87(1-2) 87-115
Pontiac Subprovince
foliation 68(3-4) 183-200
geochemistry 91(1-2) 109-142
petrology 62(3) 285-305; 72(3-4) 263-281
structural geology 61(1-2) 51-66
Porifera
India, stratigraphy 97(1-2) 99-113
porphyry
Canadian Shield, faults 68(3-4) 201-230
Sweden, structural geology 72(3-4) 199-225
Western Australia, gold ores 51(1-4) 85-113
Port Askaig Tillite
geochemistry 85(1-2) 81-96
Portuguese East Africa *see* Mozambique
Portuguese West Africa *see* Angola
positions, pole *see* pole positions
Possum Creek Charnockite
Proterozoic 71(1-4) 69-89
post-glacial rebound *see* glacial rebound
Postmasburg Group
Archean 79(1-2) 3-24
potash feldspar *see* K-feldspar
potash mica *see* muscovite
potassium
Brazil, petrology 80(3-4) 217-238
K-40, sea water 52(3-4) 337-345
potassium feldspar *see* K-feldspar
potassium-argon *see* K/Ar
Potgietersrus South Africa
paleomagnetism 69(1-4) 229-240
Povingnituk Group
plate tectonics 63(3-4) 211-223
Prasinophyta
paleobotany 96(1-2) 1-23
Precambrian *see also* Archean; Duluth Complex; Highland Complex; Tal Formation; upper Precambrian; Vindhyan
51(1-4) 1-468; 51(1-4) 161-172; 51(1-4) 429-468; 54(2-4) 321-323; 54(2-4) 324-325; 55(1-4) 507-524; 58(1-4) 1-446; 61(3-4) 169-322; 61(3-4) 171-179; 74(4) 253; 76(3-4) 229-230; 78(1-3) 1-196; 81(1-2) 151-152; 81(1-2) 152-154; 82(3-4) 351-352; 84(1-2) 113-115; 91(1-2) 1-226; 91(3-4) 229-456; 93(1) 1-137; 97(3-4) 137-141; 97(3-4) 137-323
Afghanistan 98(3-4) 223-241
Antarctica 75(3-4) 119-277; 75(3-4) 141-156; 75(3-4) 231-250
Australia 55(1-4) 491-506; 69(1-4) 293-306
Avalonian Orogeny
New England 53(1-2) 41-78
Newfoundland 59(3-4) 243-262
Bijawar System 79(3-4) 307-325
Brazil 92(3) 251-275; 99(3-4) 309-325
Brockman Iron Formation 79(1-2) 3-24
sedimentation 60(1-4) 243-286
Canada 58(1-4) 401-426; 82(1-2) 174-175
Catoctin Formation 97(1-2) 115-134
Central Rand Group 74(4) 203-223; 81(1-2) 145-149; 97(3-4) 191-214
gold ores 95(3-4) 167-185
China 56(3-4) 275-290
Chuar Group, algae 61(3-4) 241-278
Cuddapah System 92(1) 21-35
Delhi Supergroup
deformation 65(1-4) 319-339
geochemistry 87(1-2) 75-85
Estonia 79(3-4) 209-226
Europe 62(1-2) 103-125
Fig Tree Series
geochemistry 63(3-4) 225-246; 79(3-4) 195-207
lava 78(1-3) 125-138
metal ores 96(3-4) 209-224
metasomatism 92(2) 129-144
petrology 78(1-3) 105-124
Finland 64(1-4) 109-130
Fortescue Group 65(1-4) 297-317; 79(1-2) 3-24; 96(1-2) 63-82
deformation 88(1-4) 83-108
geochemistry 54(2-4) 231-256
Greenland 53(3-4) 281-299; 82(1-2) 174-175
Grenvillian Orogeny 51(1-4) 337-350
Appalachians 99(1-2) 113-146
Arctic region 70(3-4) 215-234
Bolivia 94(1-2) 73-99
Brazil 76(3-4) 213-227; 93(2-3) 153-180
Canada 86(3-4) 117-154
Canadian Shield 68(3-4) 291-306
Chile 94(1-2) 73-99
Colorado 85(1-2) 53-79
India 83(4) 267-290; 94(3-4) 251-271
Labrador 51(1-4) 315-336; 63(1-2) 123-142; 99(1-2) 65-90
Mexico 94(1-2) 73-99; 96(3-4) 245-262
New Jersey 51(1-4) 115-125
New Mexico 84(1-2) 1-15
New York 57(1-2) 1-19; 96(3-4) 245-262
Newfoundland 51(1-4) 315-336; 63(1-2) 123-142; 99(1-2) 65-90
Norway 90(3-4) 159-185
Ontario 77(1-2) 41-57; 85(1-2) 97-113; 85(3-4) 117-146; 91(3-4) 445-454
Russian Federation 64(1-4) 3-21
South Africa 86(1-2) 71-92
Spitsbergen 70(3-4) 215-234
Sweden 98(1-2) 151-171
Texas 85(1-2) 53-79; 94(1-2) 49-72; 94(1-2) 73-99
Uruguay 93(2-3) 153-180
Virginia 84(1-2) 37-62
Gunflint Iron Formation 96(1-2) 63-82
geochemistry 52(3-4) 347-380; 54(2-4) 131-151; 59(3-4) 283-313
Hamersley Group 69(1-4) 133-155; 79(1-2) 3-24; 79(1-2) 25-35; 97(3-4) 269-302
metal ores 58(1-4) 345-354
sedimentary petrology 60(1-4) 287-335; 60(1-4) 337-359
sedimentation 60(1-4) 243-286
Hudsonian Orogeny
California 91(1-2) 109-142
Canada 90(1-2) 85-101
Canadian Shield 63(3-4) 211-223
Manitoba 68(1-2) 1-21; 72(1-2) 147-167; 80(1-2) 107-124; 92(1) 37-64

Northwest Territories 93(1) 27-49
Quebec 93(1) 27-49
Saskatchewan 69(1-4) 11-24; 70(1-2) 145-164; 72(1-2) 147-167; 92(1) 37-64; 95(3-4) 187-223
India 59(3-4) 327-328; 69(1-4) 157-167; 70(1-2) 167-168; 78(4) 297-298; 80(1-2) 77-87; 82(3-4) 349-350; 91(1-2) 41-63; 99(1-2) 147
Israel 98(1-2) 107-127
Kaladgi System, geochemistry 98(1-2) 53-65
Kenoran Orogeny
Canadian Shield 62(3) 285-305; 92(3) 277-295
Quebec 52(1-2) 71-96
Kisseynew Complex, structural geology 80(1-2) 107-124
Ladoga Series, metal ores 58(1-4) 121-141
Latvia 79(3-4) 209-226
Levack Gneiss
geochemistry 82(3-4) 265-285
tectonophysics 91(3-4) 445-454
Lewisian Complex, faults 68(1-2) 65-79
Luoquan Formation 94(1-2) 121-137
Mauritania 53(3-4) 281-299
Minas Series 72(3-4) 235-245
deformation 65(1-4) 25-54
gold ores 68(1-2) 139-167
structural geology 90(1-2) 29-58
Missi Group, structural geology 72(1-2) 147-167
Nonesuch Shale
geochemistry 54(1) 65-79
sedimentary petrology 61(3-4) 181-190
Onverwacht Group 54(2-4) 271-293; 57(1-2) 91-119; 96(1-2) 63-82
lava 78(1-3) 125-138
metasomatism 92(2) 129-144
petrology 67(1-2) 109-139; 67(3-4) 277-320; 78(1-3) 105-124
Pahrump Series, algae 61(3-4) 241-278
Penokean Orogeny
Ontario 58(1-4) 99-119; 91(3-4) 287-294; 91(3-4) 433-444; 93(1) 51-70
United States 58(1-4) 99-119
Russian Federation 62(4) 493-505
Seychelles 69(1-4) 281-292
South Africa 63(1-2) 27-41
South Australia 78(4) 298-299
Spain 53(3-4) 267-279
Sri Lanka 80(1-2) 77-87
Sveconorwegian Orogeny
Norway 53(3-4) 305, 97-113; 57(3-4) 195-206; 64(1-4) 347-360; 64(1-4) 389-402; 64(1-4) 403-417; 82(3-4) 287-309; 87(3-4) 117-135; 90(3-4) 159-185; 91(3-4) 419-432
Russian Federation 64(1-4) 3-21
Sweden 64(1-4) 347-360; 64(1-4) 361-388; 70(1-2) 67-91; 78(4) 289-291; 78(4) 293-295; 79(3-4) 227-237; 79(3-4) 239-259; 79(3-4) 261-279; 82(3-4) 287-309; 87(3-4) 117-135; 94(1-2) 29-48; 98(1-2) 151-171; 98(3-4) 173-195
Swaziland Sequence, sedimentary petrology 68(3-4) 257-290
Sweden 64(1-4) 109-130
Transvaal Supergroup 72(3-4) 247-261; 81(1-2) 145-149; 97(3-4) 191-214; 97(3-4) 269-302
geochemistry 72(1-2) 109-145; 79(1-2) 1-194; 79(1-2) 37-55; 79(1-2) 57-71
gold ores 79(1-2) 125-140
petrology 79(1-2) 101-123
structural geology 52(1-2) 133-166
Uinta Mountain Group 87(1-2) 1-18
Ventersdorp Supergroup 53(3-4) 243-266; 74(4) 203-223; 79(1-2) 3-24; 96(1-2) 63-82; 97(3-4) 191-214; 97(3-4) 215-251
geochemistry 54(2-4) 231-256
Waterberg System 74(4) 203-223
Western Australia 96(1-2) 25-39
Witwatersrand Supergroup 53(3-4) 243-266; 97(3-4) 215-251
Wyman Formation 60(1-4) 69-98
Precambrian Shield *see* Canadian Shield
precious metals
Western Australia, metal ores 96(3-4) 143-181
preferred orientation *see also* lineation
Brazil, structural geology 99(1-2) 1-32
prehnite-pumpellyite facies
Benin, petrology 82(3-4) 191-209
pressure wave *see* P-waves
Pretoria Group
54(2-4) 257-269; 74(4) 203-223; 79(1-2) 3-24; 79(1-2) 25-35; 97(3-4) 215-251
geochemistry 78(4) 273-287
petrology 52(1-2) 115-132
Pretorius, Desmond Aubrey
metal ores 97(1-2) 1-2
Price Point Formation
magmas 76(1-2) 93-113
primary wave *see* P-waves
Prince Charles Mountains
fluid inclusions 66(1-4) 309-323
foliation 65(1-4) 277-295
petrology 81(1-2) 37-66
Princeton Mine
metal ores 96(3-4) 209-224
pristane
Michigan, geochemistry 54(1) 65-79
Oman, energy sources 54(1) 1-14
Wisconsin, geochemistry 54(1) 65-79
problematic fossils
India 72(3-4) 171-184
Rocky Mountains, algae 61(3-4) 241-278
South Australia 100(1-3) 97-108
procaryotes *see* prokaryotes
progradation
India, Proterozoic 84(1-2) 63-81
prograde metamorphism
Afghanistan 98(3-4) 223-241
Africa, tectonophysics 69(1-4) 199-227
Brazil 68(3-4) 241-255
China
non-metal deposits 72(3-4) 185-197
structural geology 67(1-2) 37-57
Namibia 55(1-4) 243-257
South Africa 55(1-4) 201-207; 55(1-4) 279-296; 55(1-4) 337-352
structural geology 55(1-4) 7-16; 55(1-4) 539-552
tectonics 55(1-4) 69-80
South America, tectonophysics 69(1-4) 199-227
Sri Lanka 66(1-4) 245-263; 66(1-4) 265-294
geochemistry 66(1-4) 325-349
Zimbabwe 55(1-4) 201-207
structural geology 55(1-4) 7-16; 55(1-4) 539-552
tectonics 55(1-4) 69-80
prokaryotes *see also* cyanobacteria
Russian Federation, stratigraphy 73(1-4) 251-270
Proterozoic *see also* Lewisian Complex; Sveconorwegian Orogeny
51(1-4) 173-192; 51(1-4) 337-350; 53(1-2) 1-163; 54(1) 1-108; 58(1-4) 241-287; 61(3-4) 295-322; 69(1-4) 1-344; 70(1-2) 166-167; 73(1-4) 1-298; 73(1-4) 27-49; 73(1-4) 283-289; 82(3-4) 237-263; 85(1-2) 115-116; 85(3-4) 201-239
Adelaidean, South Australia 100(1-3) 109-120
Africa 61(1-2) 67-88; 69(1-4) 199-227; 81(1-2) 145-149; 87(3-4) 161-216; 93(4) 299-337
Antarctic Ocean 75(3-4) 189-207
Antarctica 63(1-2) 1-26; 63(3-4) 273-291; 65(1-4) 277-295; 75(3-4) 157-174; 75(3-4) 209-229; 86(1-2) 1-19
Appalachians 97(1-2) 115-134; 99(1-2) 113-146
Arabian Peninsula 53(1-2) 119-147; 58(1-4) 169-194; 86(1-2) 45-58
Arctic Ocean 64(1-4) 131-152
Arctic region 70(3-4) 215-234
Arizona 65(1-4) 255-276
Atlantic region 69(1-4) 169-191
Australia 81(1-2) 37-66; 99(3-4) 271-308; 100(1-3) 1-433; 100(1-3) 213-234

Baltic region 64(1-4) 289-294
Bambui Group 73(1-4) 271-282; 80(1-2) 125-152
  geochemistry 89(1-2) 87-100
Banded Gneissic Complex
  deformation 65(1-4) 319-339
  inclusions 65(1-4) 1-23
Belarus 68(3-4) 231-240
Belt Supergroup
  algae 61(3-4) 241-278
  diagenesis 63(1-2) 83-96
Benin 57(1-2) 121-133
Birrimian
  Africa 58(1-4) 305-344
  Ghana 56(1-2) 89-96; 56(1-2) 97-111; 67(1-2) 89-107; 98(1-2) 11-30
  Ivory Coast 65(1-4) 207-229; 80(3-4) 173-191; 87(1-2) 33-63
Bitter Springs Formation 96(1-2) 63-82
  geochemistry 63(3-4) 225-246
Bolivia 94(1-2) 73-99
Botswana 56(3-4) 255-274
Brazil 51(1-4) 351-374; 52(3-4) 321-335; 53(1-2) 23-40; 58(1-4) 195-214; 59(3-4) 263-282; 62(3) 323-342; 68(3-4) 241-255; 72(3-4) 235-245; 76(3-4) 213-227; 77(1-2) 23-40; 81(3-4) 299-310; 84(3-4) 139-162; 95(1-2) 9-39; 95(1-2) 41-67; 97(1-2) 3-26; 98(1-2) 31-51; 99(1-2) 1-32; 99(3-4) 179-196
Brioverian, France 51(1-4) 393-427
British Columbia 73(1-4) 71-99
Burkina Faso 57(1-2) 121-133; 80(3-4) 153-172
California 91(1-2) 109-142
Cameroon 62(3) 191-205
Canada 81(1-2) 3-14; 86(3-4) 117-154; 90(1-2) 85-101; 91(3-4) 383-399; 100(1-3) 181-211; 100(1-3) 371-433
Canadian Shield 68(3-4) 291-306; 69(1-4) 1-10; 92(2) 89-116
Central African Republic 68(1-2) 97-113
Chile 94(1-2) 73-99
China 59(3-4) 207-223; 62(1-2) 171-190; 67(1-2) 37-57; 72(3-4) 185-197; 73(1-4) 291-298; 76(1-2) 67-76; 78(1-3) 79-94; 81(1-2) 129-144; 84(3-4) 197-220; 94(1-2) 121-137; 96(3-4) 183-208
Cobalt Group, metal ores 58(1-4) 99-119
Colorado 62(1-2) 139-169; 85(1-2) 53-79; 87(1-2) 1-18; 98(3-4) 271-305
Damara System 63(3-4) 189-209; 73(1-4) 137-151
  structural geology 57(3-4) 169-194
Dengying Formation
  geochemistry 97(1-2) 59-75
  natural gas 54(1) 45-63
Doushantuo Formation 85(3-4) 173-199
  geochemistry 97(1-2) 59-75
Ediacaran 100(1-3) 3-20
  Australia 100(1-3) 235-280
  Canada 73(1-4) 51-70; 73(1-4) 101-121
  Namibia 73(1-4) 51-70
  Newfoundland 73(1-4) 123-136
  Northern Territory Australia 86(1-2) 93-113
  South Australia 73(1-4) 51-70; 100(1-3) 65-95
  Western Australia 67(1-2) 1-10
Egypt 59(1-2) 15-32
Estonia 68(3-4) 231-240
Ethiopia 62(3) 307-322; 76(1-2) 3-14; 77(3-4) 179-210; 80(3-4) 261-279; 98(1-2) 83-105
Europe 64(1-4) 169-187; 74(1-2) 57-72; 82(3-4) 311-348
Finland 51(1-4) 193-225; 51(1-4) 227-243; 51(1-4) 265-281; 59(3-4) 171-205; 64(1-4) 253-271; 64(1-4) 273-288; 70(1-2) 45-65; 95(1-2) 89-107
Gabon 65(1-4) 341-356; 81(3-4) 197-221
Germany 73(1-4) 235-250
Gowganda Formation 86(3-4) 201-223
Greenland 54(2-4) 153-172; 63(1-2) 163-178; 69(1-4) 51-60; 72(3-4) 301-315; 81(1-2) 67-82; 91(3-4) 365-381; 91(3-4) 383-399; 93(1) 71-85; 93(1) 87-104; 94(1-2) 101-120; 96(1-2) 1-23
Himalayas 59(3-4) 325-327; 74(1-2) 35-55
Huronian
  Ontario 58(1-4) 99-119; 61(3-4) 279-293; 84(1-2) 17-36; 91(3-4) 287-294; 93(1) 51-70
  South Africa 61(3-4) 279-293
  United States 58(1-4) 99-119
Hurwitz Group 81(3-4) 265-297
Hutuo Group
  intrusions 56(1-2) 1-31
  paleobotany 57(1-2) 135-163
India 55(1-4) 469-489; 56(1-2) 139-157; 56(3-4) 291-318; 58(1-4) 71-83; 59(1-2) 145-170; 62(3) 227-237; 65(1-4) 167-181; 67(1-2) 11-35; 68(1-2) 169-173; 68(1-2) 175-178; 69(1-4) 259-267; 72(3-4) 171-184; 74(1-2) 91-117; 76(1-2) 31-46; 76(1-2) 77-91; 79(3-4) 307-325; 79(3-4) 363-369; 83(4) 267-290; 84(1-2) 63-81; 84(1-2) 105-111; 84(3-4) 181-196; 87(1-2) 75-85; 92(1) 21-35; 98(1-2) 53-65; 98(1-2) 129-150; 99(3-4) 149-169; 99(3-4) 171-178
Ivory Coast 86(3-4) 177-199
Jotnian, Sweden 69(1-4) 61-79
Karelian, Russian Federation 75(1-2) 31-46
Karelian Orogeny, metal ores 58(1-4) 387-400
Keweenawan, Nebraska 76(1-2) 47-65
Kibaran Orogeny
  Burundi 68(3-4) 323-356
  South Africa 62(1-2) 83-101
  Zambia 58(1-4) 215-240
Korea 89(1-2) 47-57
Labrador 51(1-4) 193-225; 51(1-4) 315-336; 56(1-2) 73-87; 63(1-2) 123-142; 68(3-4) 357-374; 75(1-2) 91-118; 77(1-2) 131-141; 80(3-4) 239-260; 81(1-2) 67-82; 81(1-2) 101-128; 82(1-2) 63-84; 99(1-2) 65-90
Laxfordian, Scotland 91(3-4) 401-418
Lewisian
  Greenland 62(3) 239-270
  Scotland 62(3) 239-270; 91(3-4) 401-418
Malawi 85(1-2) 27-51
Mali 65(1-4) 55-69
Malmani Subgroup, metal ores 79(1-2) 141-169
Manitoba 68(1-2) 1-21; 80(1-2) 107-124; 92(1) 37-64
Mazatzal Orogeny
  Arizona 67(3-4) 349-356
  New Mexico 67(3-4) 349-356
Mexico 94(1-2) 73-99; 96(3-4) 245-262
Michigan 54(1) 65-79
Missoula Group 89(3-4) 101-127
Missouri 51(1-4) 245-263
Mongolia 100(1-3) 371-433
Morocco 53(1-2) 79-97; 62(3) 367-371
Mozambique 62(3) 307-322
Namibia 63(1-2) 143-162; 63(3-4) 247-272; 73(1-4) 153-171; 100(1-3) 181-211
Nantuo Formation 85(3-4) 173-199
New England 53(1-2) 41-78
New Jersey 51(1-4) 115-125
New Mexico 84(1-2) 1-15
New South Wales Australia 90(3-4) 203-238
New York 96(3-4) 245-262
Newfoundland 51(1-4) 193-225; 51(1-4) 315-336; 56(1-2) 73-87; 63(1-2) 123-142; 68(3-4) 357-374; 75(1-2) 91-118; 77(1-2) 131-141; 80(3-4) 239-260; 81(1-2) 67-82; 81(1-2) 101-128; 82(1-2) 63-84; 99(1-2) 65-90
Newland Limestone, geochemistry 63(3-4) 225-246
Niger 70(3-4) 281-301
North Carolina 68(1-2) 81-95
North Sea 64(1-4) 23-51
Northern Territory Australia 54(1) 81-108; 56(3-4) 227-253; 59(3-4) 225-241; 65(1-4) 71-94; 71(1-4) 3-15; 71(1-4) 17-43; 71(1-4) 45-68; 71(1-4) 69-89; 71(1-4) 91-105; 71(1-4) 107-129; 71(1-4) 155-181; 71(1-4) 183-205; 71(1-4) 207-227; 71(1-4) 229-250; 71(1-4) 265-299; 71(1-4)

301-314; 71(1-4) 315-346; 72(1-2) 1-41; 72(1-2) 43-67; 73(1-4) 173-195; 77(3-4) 211-229; 78(4) 211-235; 94(3-4) 225-250
Northwest Territories 52(1-2) 1-35; 68(1-2) 115-137; 90(3-4) 187-202; 96(1-2) 1-23
Norway 92(3) 297-315
Nova Scotia 56(1-2) 33-49
Oman 54(1) 1-14; 54(1) 15-36
Ontario 53(3-4) 199-231; 59(1-2) 73-94; 77(1-2) 41-57; 89(1-2) 25-45; 91(3-4) 433-444
Ortega Group 63(1-2) 97-122
Pan-African Orogeny
Africa 53(1-2) 149-163; 69(1-4) 327-344
Algeria 65(1-4) 155-166; 69(1-4) 307-326
Antarctic Ocean 89(3-4) 175-205
Antarctica 75(3-4) 175-188; 75(3-4) 251-262
Benin 82(3-4) 191-209
Brazil 65(1-4) 25-54; 77(1-2) 1-15; 78(4) 301-302; 80(3-4) 217-238; 81(3-4) 241-264; 90(1-2) 29-58
Cameroon 67(3-4) 321-347
Ethiopia 52(1-2) 179-186; 62(3) 271-283; 96(1-2) 101-124
Gabon 77(3-4) 143-159
Ghana 56(1-2) 97-111; 67(1-2) 89-107; 82(1-2) 153-171; 89(3-4) 129-143
India 66(1-4) 379-392; 70(3-4) 269-280; 82(1-2) 173-175; 82(3-4) 350-351; 85(3-4) 241-242; 94(3-4) 251-271
Israel 92(2) 195-213
Jordan 56(1-2) 51-72
Malawi 62(3) 207-226
Morocco 54(2-4) 295-319; 70(1-2) 25-44
Mozambique 62(1-2) 1-59; 62(3) 271-283
Namibia 57(3-4) 169-194; 90(1-2) 1-28; 92(4) 341-363
Niger 67(1-2) 59-88
Nigeria 87(1-2) 65-74
plate tectonics 82(1-2) 101-112
Romania 80(3-4) 281-301
South Africa 90(1-2) 1-28; 97(3-4) 303-323
South America 69(1-4) 327-344
Sri Lanka 66(1-4) 59-76; 66(1-4) 77-91; 66(1-4) 223-244; 66(1-4) 265-294; 66(1-4) 379-392; 70(3-4) 269-280; 75(3-4) 263-277
Sudan 53(1-2) 99-118
Tanzania 62(3) 207-226
Togo 82(1-2) 153-171
Zambia 63(3-4) 189-209
Zimbabwe 69(1-4) 269-280; 81(3-4) 179-196; 98(1-2) 67-82
Pretoria Group 54(2-4) 257-269; 74(4) 203-223; 79(1-2) 3-24; 79(1-2) 25-35; 97(3-4) 215-251
geochemistry 78(4) 273-287
petrology 52(1-2) 115-132
Quebec 77(3-4) 231-241; 79(3-4) 327-346; 90(1-2) 59-83
Queensland Australia 69(1-4) 241-258; 72(1-2) 1-41; 94(3-4) 225-250
Red Sea region 86(1-2) 45-58
Revett Quartzite 89(3-4) 101-127
Riphean
Arctic region 53(3-4) 165-197
Norway 69(1-4) 81-93; 73(1-4) 197-216
Russian Federation 54(1) 37-44; 65(1-4) 231-254; 69(1-4) 81-93
Spitsbergen 53(3-4) 165-197
Rodinia
Africa 74(4) 225-244
Antarctica 74(4) 225-244
Australia 85(3-4) 173-199
China 85(3-4) 173-199; 94(1-2) 1-10; 100(1-3) 313-334
India 82(1-2) 173-175; 85(3-4) 241-242
plate tectonics 82(1-2) 101-112
Queensland Australia 89(3-4) 101-127
South Africa 86(1-2) 71-92; 97(3-4) 303-323
South Australia 87(3-4) 135-159; 100(1-3) 21-63
Western Australia 100(1-3) 335-357; 100(1-3) 359-370
Russian Federation 54(2-4) 195-210; 58(1-4) 289-303; 58(1-4) 427-446; 62(4) 473-491; 64(1-4) 273-288; 73(1-4) 251-270; 82(1-2) 133-151; 89(1-2) 1-23; 92(3) 215-221; 92(3) 223-250; 93(2-3) 201-213; 98(3-4) 197-221
Saskatchewan 61(1-2) 27-50; 69(1-4) 11-24; 70(1-2) 145-164; 92(1) 37-64; 95(3-4) 187-223
Scandinavia 64(1-4) 23-51; 64(1-4) 289-294; 97(3-4) 253-267
Scotland 85(1-2) 81-96
Sinian
China 57(3-4) 243-323; 59(3-4) 315-323; 80(1-2) 23-48; 89(1-2) 77-86; 93(2-3) 215-233; 97(1-2) 43-57; 100(1-3) 313-334
Far East 70(1-2) 113-143
Himalayas 70(1-2) 113-143
South Africa 52(1-2) 133-166; 63(1-2) 143-162; 67(1-2) 159-180; 69(1-4) 193-197; 70(3-4) 303-335; 77(3-4) 243-271; 78(1-3) 139-150; 79(1-2) 37-55; 79(1-2) 101-123; 79(1-2) 125-140; 79(1-2) 171-194; 87(1-2) 87-115; 95(3-4) 225-243; 96(3-4) 263-288
South America 69(1-4) 199-227
South Australia 71(1-4) 155-181; 74(3) 119-175; 79(3-4) 371-394; 92(1) 65-87; 94(3-4) 205-224; 100(1-3) 151-179; 100(1-3) 181-211; 100(1-3) 281-298
South Dakota 58(1-4) 85-97
Spain 84(3-4) 163-180
Spitsbergen 70(3-4) 215-234
Sri Lanka 66(1-4) 95-110; 66(1-4) 111-121; 66(1-4) 151-181
Sudan 59(1-2) 15-32
Svecofennian
Europe 51(1-4) 127-149
Finland 64(1-4) 85-108; 64(1-4) 295-309; 74(4) 245-252; 82(1-2) 13-34
Russian Federation 64(1-4) 85-108; 74(4) 245-252
Sweden 51(1-4) 151-159; 58(1-4) 143-167; 64(1-4) 225-238; 64(1-4) 319-335; 69(1-4) 61-79; 75(1-2) 17-29; 77(1-2) 91-103; 82(1-2) 1-12; 82(1-2) 85-99; 95(1-2) 147-166
Svecofennian Orogeny
Europe 64(1-4) 207-223; 69(1-4) 25-50
Finland 86(1-2) 21-44
Norway 57(3-4) 195-206
Sweden 52(3-4) 231-243; 72(3-4) 199-225; 86(1-2) 21-44; 96(3-4) 225-243
Sweden 51(1-4) 265-281; 52(3-4) 187-214; 52(3-4) 215-230; 64(1-4) 67-84; 64(1-4) 239-252; 67(1-2) 141-158; 70(3-4) 235-251; 76(1-2) 15-30; 81(1-2) 83-99; 92(1) 1-20; 92(3) 297-315; 92(4) 319-339; 95(1-2) 109-127
Tanzania 74(4) 195-202; 77(1-2) 105-115; 93(1) 119-137
Texas 85(1-2) 53-79; 94(1-2) 49-72; 94(1-2) 73-99
Thomson Formation, geochemistry 54(2-4) 131-151
Torngat Orogeny
Canada 91(1-2) 91-107; 93(1) 5-26
Canadian Shield 63(3-4) 325-347
Greenland 93(1) 5-26
Labrador 70(3-4) 169-190; 81(1-2) 15-35
Newfoundland 70(3-4) 169-190; 81(1-2) 15-35
Transamazonian Orogeny
Brazil 51(1-4) 283-314; 53(1-2) 1-22; 63(3-4) 179-188; 68(1-2) 139-167; 77(1-2) 1-15; 86(3-4) 155-176; 90(1-2) 29-58; 93(2-3) 153-180; 99(3-4) 255-269
French Guiana 92(2) 165-194
Uruguay 93(2-3) 153-180
Ukraine 58(1-4) 289-303

Umberatana Group 73(1-4) 3-26
United States 65(1-4) 71-94
upper Riphean, China 65(1-4) 95-114
Uruguay 74(3) 177-194
Utah 87(1-2) 1-18
Vendian
  Greenland 73(1-4) 217-233
  Norway 69(1-4) 81-93; 73(1-4) 197-216
  Russian Federation 69(1-4) 81-93
Venezuela 85(1-2) 1-25
Virginia 59(1-2) 33-42; 68(1-2) 81-95; 84(1-2) 37-62
Western Australia 51(1-4) 375-391; 56(3-4) 227-253; 58(1-4) 55-70; 58(1-4) 345-354; 59(1-2) 95-123; 60(1-4) 1-359; 60(1-4) 69-98; 60(1-4) 337-359; 69(1-4) 133-155; 71(1-4) 3-15; 71(1-4) 301-314; 75(1-2) 47-63; 83(4) 243-265; 90(3-4) 119-140; 90(3-4) 141-158; 92(1) 65-87; 95(3-4) 225-243; 97(3-4) 155-164; 99(1-2) 33-64
Willyama Complex, metal ores 56(3-4) 211-226; 98(1-2) 1-10
Wilpena Group 73(1-4) 3-26; 100(1-3) 97-108; 100(1-3) 299-312
Windermere System 73(1-4) 101-121; 100(1-3) 121-150
  algae 61(3-4) 241-278
Wisconsin 54(1) 65-79
Wonoka Formation 73(1-4) 3-26; 100(1-3) 97-108; 100(1-3) 121-150
Wumishan Formation 52(1-2) 167-178
Wyoming 58(1-4) 85-97
Yukon Territory 52(1-2) 1-35; 69(1-4) 95-112
Zimbabwe 70(3-4) 191-213; 77(3-4) 161-178; 87(1-2) 87-115; 97(3-4) 155-164

Protista
85(3-4) 201-239
Foraminifera, geochemistry 61(3-4) 191-207
Russian Federation, stratigraphy 73(1-4) 251-270

Proto-Atlantic Ocean *see* Iapetus

Protogine Zone
deformation 78(4) 289-291; 78(4) 293-295
Proterozoic 79(3-4) 227-237; 79(3-4) 239-259
structural geology 70(1-2) 67-91

provinces, metallogenic *see* metallogenic provinces

Prydz Bay
metamorphism 89(3-4) 175-205
structural geology 75(3-4) 189-207

psammite *see* sandstone

pseudomorphism
Africa, sedimentary petrology 67(3-4) 243-276
Benin, petrology 82(3-4) 191-209
Central African Republic, petrology 68(1-2) 97-113
geochemistry 61(3-4) 191-207
Nebraska, paleomagnetism 76(1-2) 47-65
Northwest Territories, stratigraphy 68(1-2) 115-137
Western Australia, sedimentary petrology 60(1-4) 287-335

pseudotachylite
Antarctica, foliation 65(1-4) 277-295
Northern Territory Australia, Proterozoic 71(1-4) 155-181
South Australia, Proterozoic 71(1-4) 155-181

PTt paths *see* P-T-t paths

pull apart structures *see* boudinage

pull-apart basins
Atlantic region, plate tectonics 69(1-4) 169-191
Brazil, structural geology 98(1-2) 31-51
French Guiana, structural geology 92(2) 165-194
New England, structural geology 53(1-2) 41-78
Western Australia
  structural geology 94(1-2) 11-28
  tectonics 88(1-4) 207-231

Purple Red Shale Member
stratigraphy 85(3-4) 173-199

push-pull wave *see* P-waves

pyrite
British Columbia, Proterozoic 73(1-4) 71-99
geochemistry 61(3-4) 191-207; 61(3-4) 209-229
South Africa
  geochemistry 79(1-2) 57-71
  gold ores 95(3-4) 167-185
  metal ores 96(3-4) 209-224

pyroclastics *see also* hyaloclastite; ignimbrite; tuff
Appalachians, Proterozoic 97(1-2) 115-134

pyrolusite
Colorado, metal ores 61(3-4) 231-240

pyroxene group *see also* clinopyroxene; orthopyroxene
Brazil, structural geology 97(1-2) 3-26

pyroxenite
Africa, sedimentary petrology 67(3-4) 243-276
Canadian Shield, geochemistry 65(1-4) 115-153
India 65(1-4) 167-181
Quebec, geochemistry 52(1-2) 37-51

Qaanaaq Formation
paleobotany 96(1-2) 1-23

Qinling Mountains
Proterozoic 94(1-2) 121-137

Qiongzhusi Formation
geochemistry 89(1-2) 77-86

Quadrilatero Ferrifero
deformation 65(1-4) 25-54
gold ores 68(1-2) 139-167
Proterozoic 72(3-4) 235-245
structural geology 90(1-2) 29-58

quartz
Arizona, structural geology 67(3-4) 349-356
Brazil
  gold ores 68(1-2) 139-167
  structural geology 84(3-4) 139-162; 99(1-2) 1-32
New Mexico, structural geology 67(3-4) 349-356
Western Australia, Invertebrata 96(1-2) 25-39

quartz arenite
Northern Territory Australia 59(3-4) 225-241
Northwest Territories, petrology 77(1-2) 59-89
Western Australia, Archean 79(1-2) 3-24
Zimbabwe, stratigraphy 77(3-4) 161-178

quartz diorites
Brazil 68(3-4) 241-255
Europe
  geochemistry 62(1-2) 103-125
  tectonophysics 64(1-4) 169-187

quartz latite
South Australia 79(3-4) 371-394

quartz monzonite
Finland 51(1-4) 193-225
Labrador 51(1-4) 193-225
Newfoundland 51(1-4) 193-225
Saskatchewan 70(1-2) 145-164

quartz syenite
Colorado 85(1-2) 53-79
Labrador 51(1-4) 315-336
Newfoundland 51(1-4) 315-336
Sweden 95(1-2) 109-127
Texas 85(1-2) 53-79

quartz veins
Gabon, gold ores 77(3-4) 143-159
Ghana, geochronology 67(1-2) 89-107
India, sedimentary petrology 70(1-2) 93-112
Northwest Territories, metal ores 58(1-4) 1-24
South Africa, metal ores 79(1-2) 141-169
Western Australia, metal ores 96(3-4) 143-181

quartzarenite *see* quartz arenite

quartzites
Brazil, gold ores 68(1-2) 139-167
Finland, Precambrian 64(1-4) 109-130
India, sedimentary petrology 70(1-2) 93-112

Russian Federation, Archean 78(4) 197-210
Saskatchewan, geochronology 95(3-4) 187-223
Sri Lanka, Proterozoic 66(1-4) 151-181
Sweden, Precambrian 64(1-4) 109-130

Quatro Meninas Group
Proterozoic 59(3-4) 263-282

Quebec *see also* Abitibi Belt; Blake River Group; Cape Smith fold belt; Grenville Front; Grenville Province; Nain Province; Rae Province; Superior Province; Torngat Orogeny; Ungava
foliation 68(3-4) 183-200
petrology, Saguenay County Quebec 79(3-4) 327-346
structural geology 61(1-2) 51-66

Queen Elizabeth Pluton
geochronology 71(1-4) 131-153

Queen Maud Land
orogeny 75(3-4) 231-250
structural geology 75(3-4) 209-229

Queensland Australia *see also* McArthur Basin
geochronology 89(3-4) 101-127
Mount Isa Inlier 71(1-4) 131-153
stratigraphy, Mount Isa Inlier 69(1-4) 241-258
volcanism, Mount Isa Inlier 94(3-4) 225-250

Quetico Belt
petrology 92(2) 117-128

Quha Formation
metal ores 77(3-4) 243-271

Quirke Lake Group
metal ores 58(1-4) 99-119

Quirke Syncline
deformation 93(1) 51-70

radioactive isotopes *see* K-40; Pb-206/Pb-204; Pb-207/Pb-204; Pb-208/Pb-204; Sm-147/Nd-144; U-238/Pb-206

Rae Province
geochronology 61(1-2) 27-50; 68(1-2) 1-21; 95(3-4) 187-223
petrology 77(1-2) 59-89
plate tectonics 63(3-4) 325-347
structural geology 70(3-4) 169-190; 81(1-2) 15-35; 91(1-2) 91-107

Raeside Complex
geochemistry 83(1-3) 133-183

Rajasthan India *see also* Ajmer India; Aravalli Range; Sirohi India; Udaipur India
areal geology 97(1-2) 135-136
base metals 99(3-4) 171-178
inclusions 65(1-4) 1-23

Ramah Group
structural geology 81(1-2) 15-35

Ramannapeta Lamproites
Proterozoic 79(3-4) 363-369

Rampur Volcanics
Archean 56(3-4) 191-210
volcanism 87(3-4) 217-231

Rankama, Kalervo
Precambrian 74(4) 253

rapakivi
51(1-4) 173-192; 95(1-2) 1-7; 95(1-2) 1-167
Brazil 51(1-4) 283-314; 95(1-2) 9-39; 95(1-2) 41-67
plate tectonics 76(3-4) 213-227
Estonia, geochemistry 79(3-4) 209-226
Europe 51(1-4) 127-149; 95(1-2) 129-146
Finland 51(1-4) 193-225; 95(1-2) 89-107
metal ores 51(1-4) 265-281
Proterozoic 51(1-4) 227-243
tectonophysics 64(1-4) 273-288
Labrador 51(1-4) 193-225
Latvia, geochemistry 79(3-4) 209-226
Missouri 51(1-4) 245-263
Newfoundland 51(1-4) 193-225
Russian Federation, tectonophysics 64(1-4) 273-288
Sweden 95(1-2) 109-127
metal ores 51(1-4) 265-281
Venezuela, tectonics 85(1-2) 1-25

Rapitan Group
paleomagnetism 100(1-3) 335-357

rare earth deposits
58(1-4) 241-287
Arabian Peninsula 58(1-4) 169-194

rare earths *see also* cerium; europium; lanthanum; lutetium; neodymium; scandium; ytterbium; yttrium
Africa, plate tectonics 69(1-4) 327-344
Antarctic Ocean, metamorphism 89(3-4) 175-205
Antarctica
orogeny 75(3-4) 231-250
tectonics 86(1-2) 1-19
Baltic region, crust 64(1-4) 289-294
Brazil
geochemistry 77(1-2) 23-40
petrology 51(1-4) 283-314; 95(1-2) 9-39
tectonophysics 81(3-4) 299-310; 82(1-2) 35-62
California
geochemistry 91(1-2) 109-142
magmas 70(1-2) 1-24
Canadian Shield
Archean 97(1-2) 77-97
geochemistry 65(1-4) 115-153; 76(3-4) 155-190; 92(2) 89-116
lava 89(1-2) 59-76
petrology 62(3) 285-305; 97(1-2) 27-42
structural geology 68(3-4) 291-306
Central African Republic, petrology 68(1-2) 97-113
China
crust 78(1-3) 79-94
geochemistry 80(1-2) 23-48
geochronology 97(1-2) 43-57
petrology 59(3-4) 207-223
plate tectonics 81(1-2) 129-144
Colorado, petrology 62(1-2) 139-169
Egypt, geochemistry 80(1-2) 1-22; 82(3-4) 211-236
Ethiopia
metamorphic rocks 80(3-4) 261-279
structural geology 77(3-4) 179-210
Europe, geochemistry 62(1-2) 103-125
Finland, magmas 70(1-2) 45-65
French Guiana, structural geology 92(2) 165-194
Greenland
geochemistry 57(1-2) 49-90; 94(1-2) 101-120
petrology 78(1-3) 1-39
India
geochemistry 55(1-4) 469-489; 62(1-2) 127-137; 67(1-2) 11-35; 67(3-4) 181-206; 72(1-2) 69-95; 76(1-2) 77-91; 84(1-2) 105-111; 84(3-4) 117-138; 87(1-2) 75-85; 98(1-2) 53-65; 98(1-2) 129-150
geochronology 59(1-2) 145-170; 80(3-4) 205-216
inclusions 65(1-4) 1-23
metal ores 61(1-2) 165-168
petrology 65(1-4) 167-181; 84(3-4) 181-196
sedimentary petrology 70(1-2) 93-112
volcanism 87(3-4) 217-231
Israel, magmas 92(2) 195-213
Ivory Coast, tectonophysics 65(1-4) 207-229
Labrador
magmas 82(1-2) 63-84
petrology 68(3-4) 357-374
structural geology 81(1-2) 15-35
magmas 51(1-4) 1-25
Missouri
metasomatism 51(1-4) 245-263
petrology 95(1-2) 69-88
Morocco, volcanism 70(1-2) 25-44
Namibia, crust 63(1-2) 143-162
Nebraska, paleomagnetism 76(1-2) 47-65
New Jersey, petrology 51(1-4) 115-125
Newfoundland
magmas 82(1-2) 63-84
petrology 68(3-4) 357-374
structural geology 81(1-2) 15-35
Niger, folds 67(1-2) 59-88
Northern Territory Australia
metal ores 78(4) 211-235

Proterozoic 71(1-4) 265-299
tectonophysics 65(1-4) 71-94
Norway
geochemistry 82(3-4) 287-309
intrusions 53(3-4) 233-242
tectonophysics 92(3) 297-315
Nova Scotia, geochemistry 56(1-2) 33-49
Ontario
geochemistry 52(1-2) 53-69; 74(1-2) 73-89; 76(3-4) 119-153; 82(3-4) 265-285; 93(4) 257-279
magmas 51(1-4) 27-50; 53(3-4) 199-231
metal ores 61(3-4) 279-293
petrology 81(3-4) 155-178; 84(1-2) 17-36
sedimentary petrology 68(1-2) 23-42
stratigraphy 86(3-4) 201-223
tectonophysics 65(1-4) 183-205
Pakistan, volcanism 87(3-4) 217-231
Papua New Guinea, tectonophysics 65(1-4) 183-205
Proterozoic 51(1-4) 337-350
Quebec
geochemistry 52(1-2) 37-51; 57(3-4) 207-241
petrology 79(3-4) 327-346
Russian Federation
intrusions 62(4) 453-472
metal ores 58(1-4) 121-141; 58(1-4) 427-446
metamorphism 62(4) 399-417
petrology 62(4) 375-397
tectonophysics 82(1-2) 133-151
Saskatchewan, magmas 70(1-2) 145-164
Scandinavia, crust 64(1-4) 289-294
South Africa
Archean 79(1-2) 73-100
crust 63(1-2) 143-162
geochemistry 55(1-4) 451-467
metal ores 61(3-4) 279-293; 77(3-4) 243-271
metasomatism 92(2) 129-144
petrology 70(3-4) 303-335
South America, plate tectonics 69(1-4) 327-344
Spain, geochemistry 84(3-4) 163-180
Swaziland, petrology 67(1-2) 109-139
Sweden
geochemistry 82(3-4) 287-309
geochronology 77(1-2) 91-103
iron ores 54(2-4) 109-130
metal ores 82(1-2) 1-12
petrology 95(1-2) 147-166
structural geology 64(1-4) 67-84
tectonophysics 92(3) 297-315
United States, tectonophysics 65(1-4) 71-94
Virginia, geochemistry 84(1-2) 37-62
Western Australia
Archean 91(3-4) 309-332
geochemistry 54(2-4) 211-229; 57(1-2) 21-47; 60(1-4) 99-116; 80(1-2) 49-76; 83(1-3) 133-183; 96(1-2) 41-62
magmas 52(3-4) 245-273
metal ores 96(3-4) 143-181; 98(3-4) 243-270
petrology 51(1-4) 51-83; 60(1-4) 117-149; 88(1-4) 3-23
stratigraphy 60(1-4) 47-67
structural geology 83(1-3). 83-107; 83(1-3) 185-201
Wyoming, petrology 89(3-4) 145-173
Zimbabwe
Archean 91(3-4) 269-285
geochemistry 55(1-4) 451-467; 81(3-4) 179-196
rate of sedimentation *see* sedimentation rates
Rauer Group
foliation 65(1-4) 277-295
metamorphism 89(3-4) 175-205
Ravensthorpe Terrane
metal ores 96(3-4) 143-181
Rawnsley Quartzite
Cambrian 100(1-3) 65-95
Rayner Complex
petrology 63(1-2) 1-26
structural geology 75(3-4) 263-277
Rb *see* rubidium
Rb/Sr *see also* strontium
Antarctica, orogeny 75(3-4) 231-250
Arizona, petrology 65(1-4) 255-276
Australia, petrology 81(1-2) 37-66
Brazil
magmas 62(3) 323-342
petrology 78(1-3) 151-164; 80(3-4) 217-238; 93(2-3) 153-180; 95(1-2) 9-39
Proterozoic 59(3-4) 263-282
tectonophysics 53(1-2) 1-22; 82(1-2) 35-62
Burundi, petrology 68(3-4) 323-356
China, intrusions 56(1-2) 1-31
Egypt, geochemistry 80(1-2) 1-22
Europe, petrology 74(1-2) 57-72
Ghana, tectonophysics 56(1-2) 97-111
Greenland
Archean 62(3) 239-270
Proterozoic 63(1-2) 163-178
stratigraphy 69(1-4) 51-60
structural geology 72(3-4) 301-315
India
deformation 65(1-4) 319-339
geochemistry 98(1-2) 129-150
geochronology 59(1-2) 145-170; 68(1-2) 169-173; 68(1-2) 175-178
metal ores 58(1-4) 71-83
petrology 84(3-4) 181-196
Proterozoic 62(3) 227-237
Jordan, geochemistry 56(1-2) 51-72
Korea, volcanism 89(1-2) 47-57
Labrador, petrology 51(1-4) 315-336
Manitoba, geochronology 68(1-2) 1-21
Mexico, Proterozoic 96(3-4) 245-262
New South Wales Australia, geochronology 71(1-4) 251-263
New York, Proterozoic 96(3-4) 245-262
Newfoundland, petrology 51(1-4) 315-336
Niger, folds 67(1-2) 59-88
Nigeria, structural geology 87(1-2) 65-74
Northern Territory Australia
geochronology 71(1-4) 207-227; 71(1-4) 229-250
Proterozoic 71(1-4) 3-15; 71(1-4) 91-105; 71(1-4) 155-181; 71(1-4) 315-346
Norway, petrology 64(1-4) 347-360
Ontario, magmas 81(3-4) 223-239
Russian Federation
crust 64(1-4) 189-195
inclusions 62(4) 507-525
intrusions 62(4) 453-472
Saskatchewan, geochronology 61(1-2) 27-50
Scotland, Archean 62(3) 239-270
South Africa
Archean 55(1-4) 17-31
geochemistry 54(2-4) 231-256; 55(1-4) 451-467; 91(3-4) 253-267
geochronology 62(1-2) 83-101
metal ores 59(1-2) 43-71
metasomatism 92(2) 129-144
structural geology 55(1-4) 7-16; 96(3-4) 263-288
South Australia, Proterozoic 71(1-4) 155-181; 94(3-4) 205-224
Sri Lanka, geochronology 66(1-4) 95-110
Sudan, plate tectonics 53(1-2) 99-118
Sweden
petrology 64(1-4) 347-360
Proterozoic 64(1-4) 361-388; 79(3-4) 239-259
Tanzania, petrology 77(1-2) 105-115
Texas, petrology 94(1-2) 49-72
Uruguay, petrology 93(2-3) 153-180
Venezuela, tectonics 85(1-2) 1-25
Western Australia
geochemistry 54(2-4) 211-229; 54(2-4) 231-256
petrology 60(1-4) 117-149
Proterozoic 71(1-4) 3-15
structural geology 59(1-2) 95-123; 78(1-3) 179-196
tectonics 88(1-4) 207-231
Zambia, uranium ores 58(1-4) 215-240
Zimbabwe
Archean 55(1-4) 17-31

geochemistry 55(1-4) 451-467
structural geology 55(1-4) 7-16
recumbent folds
Namibia 57(3-4) 169-194
South Africa 52(1-2) 133-166
plate tectonics 86(1-2) 71-92
Western Australia 68(1-2) 43-64
red beds
Europe, Proterozoic 82(3-4) 311-348
South Africa, stratigraphy 54(2-4) 257-269
Red Lake greenstone belt
Archean 92(3) 277-295
gold ores 84(1-2) 83-103
lava 89(1-2) 59-76
red rock *see* red beds
Red Sea Hills
plate tectonics 53(1-2) 99-118
Proterozoic 59(1-2) 15-32
Red Sea region
petrology 86(1-2) 45-58
Redbank fault zone
geochronology 71(1-4) 229-250
Proterozoic 71(1-4) 315-346
redbeds *see* red beds
Redstone River Formation
geochemistry 63(3-4) 225-246
tectonics 52(1-2) 1-35
reefs
India 56(1-2) 139-157
South Africa, gold ores 79(1-2) 125-140
refractory materials
Colorado 61(3-4) 231-240
Regina Basin
plate tectonics 69(1-4) 169-191
structural geology 92(2) 165-194
regional metamorphism
55(1-4) 399-405
Antarctica, orogeny 75(3-4) 231-250
Australia 81(1-2) 37-66
Brazil, structural geology 99(1-2) 1-32
Finland 59(3-4) 171-205
Greenland 78(1-3) 1-39
Ontario 53(3-4) 199-231; 91(3-4) 287-294; 92(2) 117-128
geochemistry 74(1-2) 73-89
structural geology 77(1-2) 41-57; 89(1-2) 25-45
tectonophysics 91(3-4) 445-454
South Africa 63(1-2) 27-41
geochemistry 79(1-2) 171-194
Sri Lanka 66(1-4) 3-18
geochronology 66(1-4) 123-149
Western Australia
Archean 65(1-4) 297-317
structural geology 83(1-3) 11-42
regolith
India, stratigraphy 79(3-4) 307-325
Reguibat Ridge
Archean 90(3-4) 107-117
Reguibat Shield
metal ores 58(1-4) 305-344
Reguibat Terrane
tectonophysics 69(1-4) 199-227
Reindeer Lake
geochemistry 92(1) 37-64
Reindeer Zone
tectonics 90(1-2) 85-101
remanent magnetization *see also* anhysteretic remanent magnetization; characteristic remanent magnetization; chemical remanent magnetization; isothermal remanent magnetization; natural remanent magnetization; thermochemical remanent magnetization; thermoremanent magnetization
Europe, paleomagnetism 69(1-4) 25-50
Finland
paleomagnetism 74(4) 245-252
tectonophysics 64(1-4) 273-288
Greenland, stratigraphy 69(1-4) 51-60
India, stratigraphy 80(3-4) 193-204
Northern Territory Australia, stratigraphy 72(1-2) 1-41
Queensland Australia, stratigraphy 72(1-2) 1-41
Russian Federation
paleomagnetism 74(4) 245-252
tectonophysics 64(1-4) 273-288; 98(3-4) 197-221
Sweden, tectonophysics 69(1-4) 61-79
Western Australia, paleomagnetism 100(1-3) 359-370
remote sensing
Ethiopia, structural geology 62(3) 307-322
Mozambique
structural geology 62(3) 307-322
tectonics 62(1-2) 1-59
Sweden, crust 64(1-4) 311-317
Renabie Ontario
Archean 76(3-4) 191-211
restites
Europe, petrology 95(1-2) 129-146
retrogradation
Scandinavia, stratigraphy 97(3-4) 253-267
South Africa, metal ores 79(1-2) 141-169
retrograde metamorphism
Afghanistan 98(3-4) 223-241
Africa, structural geology 61(1-2) 67-88
Australia, tectonics 55(1-4) 491-506
Brazil, structural geology 97(1-2) 3-26
China 93(2-3) 181-199
Greenland 86(1-2) 59-70
Northern Territory Australia
geochronology 71(1-4) 45-68
Proterozoic 71(1-4) 315-346
structural geology 72(1-2) 43-67
Northwest Territories, structural geology 93(1) 27-49
Quebec 90(1-2) 59-83
structural geology 61(1-2) 51-66; 93(1) 27-49
Romania, orogeny 80(3-4) 281-301
Russian Federation 62(4) 419-430
South Africa 55(1-4) 303-319; 55(1-4) 321-325; 55(1-4) 327-336; 55(1-4) 337-352; 55(1-4) 429-449; 82(1-2) 113-132
geochemistry 55(1-4) 353-364; 55(1-4) 365-397
structural geology 55(1-4) 7-16; 55(1-4) 539-552
tectonics 55(1-4) 69-80; 55(1-4) 169-172
South Australia, metal ores 79(3-4) 281-305
Sri Lanka 66(1-4) 3-18; 66(1-4) 265-294; 66(1-4) 351-377
geochemistry 66(1-4) 325-349
structural geology 66(1-4) 21-37; 66(1-4) 39-57
Western Australia, structural geology 75(1-2) 47-63
Zimbabwe 55(1-4) 259-277; 55(1-4) 321-325; 55(1-4) 429-449
geochemistry 55(1-4) 353-364
structural geology 55(1-4) 7-16; 55(1-4) 539-552
tectonics 55(1-4) 69-80; 55(1-4) 169-172
reverse faults *see also* imbricate tectonics
Brazil 86(3-4) 155-176
Ethiopia 77(3-4) 179-210
New South Wales Australia, geochronology 71(1-4) 251-263
Northern Territory Australia
geochronology 71(1-4) 207-227
volcanism 94(3-4) 225-250
Queensland Australia, volcanism 94(3-4) 225-250
South Australia, Proterozoic 74(3) 119-175
Sweden 70(1-2) 67-91
Western Australia 75(1-2) 47-63
reverse slip faults *see* thrust faults
Revet Member
paleobotany 65(1-4) 231-254
Revett Quartzite 89(3-4) 101-127
Reynolds Range
petrology 77(3-4) 211-229
Proterozoic 71(1-4) 69-89; 71(1-4) 91-105; 71(1-4) 315-346
Reynolds Range Group
geochronology 71(1-4) 45-68
sedimentation 59(3-4) 225-241
Rhodesia *see* Zimbabwe

rhyodacites *see also* quartz latite
Ontario, geochemistry 54(2-4) 173-194
Russian Federation, crust 64(1-4) 189-195
Sweden, geochemistry 64(1-4) 239-252
Western Australia, structural geology 83(1-3) 83-107
rhyolites *see also* comendite
Brazil, Proterozoic 52(3-4) 321-335
India, geochemistry 76(1-2) 77-91
Israel 92(2) 195-213
Ivory Coast 80(3-4) 173-191
Kenya, stratigraphy 69(1-4) 113-131
Mali, geochemistry 65(1-4) 55-69
Morocco 53(1-2) 79-97
Nova Scotia, geochemistry 56(1-2) 33-49
Ontario
geochemistry 76(3-4) 119-153; 85(1-2) 97-113
sedimentary petrology 68(1-2) 23-42
Sudan, plate tectonics 53(1-2) 99-118
Sweden
geochemistry 64(1-4) 239-252
geochronology 77(1-2) 91-103
metal ores 82(1-2) 1-12
Western Australia 51(1-4) 51-83
geochemistry 96(1-2) 41-62
structural geology 83(1-3) 83-107
tectonics 88(1-4) 109-142
Zambia, geochronology 63(3-4) 189-209
Zimbabwe, geochemistry 81(3-4) 179-196
rhythmic bedding
Morocco, volcanism 70(1-2) 25-44
rhythmite
Northwest Territories, Archean 81(3-4) 265-297
South Africa, geochemistry 72(1-2) 109-145
Ribeira Belt
structural geology 79(3-4) 347-361; 98(1-2) 31-51
tectonophysics 99(3-4) 255-269
rift zones
Africa, plate tectonics 69(1-4) 327-344
Canada, stratigraphy 100(1-3) 121-150
Namibia, crust 63(1-2) 143-162
Russian Federation, plate tectonics 64(1-4) 3-21
South Africa, crust 63(1-2) 143-162
South America, plate tectonics 69(1-4) 327-344
South Australia
Cambrian 100(1-3) 21-63
stratigraphy 100(1-3) 121-150; 100(1-3) 299-312
Sri Lanka, structural geology 66(1-4) 21-37
Tasmania Australia, stratigraphy 100(1-3) 299-312
Western Australia, structural geology 83(1-3) 57-81
Zimbabwe, geochemistry 81(3-4) 179-196
Riga Batholith
geochemistry 79(3-4) 209-226
right-lateral faults
Brazil 65(1-4) 25-54; 92(3) 251-275
Ethiopia, metamorphism 62(3) 271-283
Mozambique, metamorphism 62(3) 271-283
Namibia 57(3-4) 169-194
Niger 67(1-2) 59-88
Sweden 70(1-2) 67-91
Zimbabwe 70(3-4) 191-213
ring complexes
Greenland 81(1-2) 67-82
Labrador 81(1-2) 67-82
Newfoundland 81(1-2) 67-82
ring dikes
South Africa 75(1-2) 1-15
ring silicates *see* cordierite; tourmaline
ring structures
Missouri, metasomatism 51(1-4) 245-263
ring-fracture intrusion *see* ring dikes
Ringkobing-Fyn High
tectonophysics 64(1-4) 419-430
Rinkian Belt
geochronology 91(3-4) 383-399
plate tectonics 63(3-4) 325-347
Rio Branco Group
Proterozoic 59(3-4) 263-282
Rio das Velhas greenstone belt
petrology 78(1-3) 151-164
Rio das Velhas Supergroup
deformation 65(1-4) 25-54
gold ores 68(1-2) 139-167
Proterozoic 72(3-4) 235-245
structural geology 90(1-2) 29-58
Rio de la Plata
plate tectonics 53(1-2) 23-40
Rio de la Plata Craton
petrology 93(2-3) 153-180
Rio de la Plata Estuary *see* Rio de la Plata
Rio de la Plata Plate
faults 90(1-2) 1-28
Rio do Ouro Formation
structural geology 86(3-4) 155-176
Rio Itapicuru greenstone belt
structural geology 84(3-4) 139-162
Rio Tocantins Subprovince
Proterozoic 52(3-4) 321-335
Riphean *see also* upper Riphean
Arctic region 53(3-4) 165-197
Norway 69(1-4) 81-93; 73(1-4) 197-216
Russian Federation 54(1) 37-44; 65(1-4) 231-254; 69(1-4) 81-93
Spitsbergen 53(3-4) 165-197
ripple marks
Northern Territory Australia 59(3-4) 225-241
South Australia, Proterozoic 74(3) 119-175
Risky Formation
tectonophysics 69(1-4) 95-112
River Plate *see* Rio de la Plata
Roan Group
uranium ores 58(1-4) 215-240
rock masses
Sweden, tectonics 93(1) 105-117
rock-stratigraphy *see* lithostratigraphy
rock-water interface *see* water-rock interaction
Rockall Plateau
faults 68(1-2) 65-79
Rocky Mountains
algae
Big Belt Mountains 61(3-4) 241-278
Little Belt Mountains 61(3-4) 241-278
Archean
Beartooth Mountains 91(3-4) 295-307
Tobacco Root Mountains 91(3-4) 295-307
petrology
Beartooth Mountains 78(1-3) 41-52
Wet Mountains 62(1-2) 139-169
Wind River Range 89(3-4) 145-173
stratigraphy, Uinta Mountains 87(1-2) 1-18
tectonics, Beartooth Mountains 55(1-4) 155-168
Rodentia
China, geochronology 97(1-2) 43-57
Rodinia
Africa, paleomagnetism 74(4) 225-244
Antarctica, paleomagnetism 74(4) 225-244
Australia 85(3-4) 173-199
China 85(3-4) 173-199; 100(1-3) 313-334
paleomagnetism 94(1-2) 1-10
India, plate tectonics 82(1-2) 173-175; 85(3-4) 241-242
plate tectonics 82(1-2) 101-112
Queensland Australia 89(3-4) 101-127
South Africa
plate tectonics 86(1-2) 71-92
tectonophysics 97(3-4) 303-323
South Australia 87(3-4) 135-159; 100(1-3) 21-63
Western Australia 100(1-3) 335-357; 100(1-3) 359-370
Roebourne Complex
plate tectonics 88(1-4) 143-171
Roebourne Group
stratigraphy 60(1-4) 1-45
roestone *see* oolite
Rohtas Formation
problematic fossils 72(3-4) 171-184

Romania
orogeny, Transylvanian Alps 80(3-4) 281-301
Rondonia Brazil
plate tectonics 76(3-4) 213-227
Rondonia tin province
petrology 95(1-2) 41-67
Rooiberg Group
Archean 79(1-2) 3-24
Roper Group
energy sources 54(1) 81-108
stratigraphy 72(1-2) 1-41
Ross Orogeny
Antarctica
geochemistry 75(3-4) 157-174
metamorphic rocks 93(2-3) 235-258
metamorphism 75(3-4) 141-156
rotational wave *see* S-waves
Rove Formation
geochemistry 54(2-4) 131-151
rubblerock *see* breccia
rubidium-strontium *see* Rb/Sr
Ruby Range
Archean 91(3-4) 295-307
Rudall Complex
metamorphism 83(4) 243-265
Rukatunturi Quartzite
stratigraphy 97(3-4) 253-267
Rumphi Complex
petrology 85(1-2) 27-51
Russian Federation *see also* Baltic Shield; Siberia; Urals
Archean, Aldan Shield 78(4) 197-210
areal geology, Aldan Shield 62(4) 373-528
crust
Aldan Shield 91(3-4) 333-363
Kola Peninsula 64(1-4) 189-195
fluid inclusions
Aldan River 62(4) 431-451
Aldan Shield 62(4) 431-451
geochemistry, Kola Russian Federation 92(3) 223-250
inclusions, Aldan Shield 62(4) 507-525
intrusions
Aldan River 54(2-4) 195-210; 62(4) 493-505
Aldan Shield 54(2-4) 195-210; 62(4) 453-472; 62(4) 493-505
Olekma River 54(2-4) 195-210
metal ores
Aldan Shield 58(1-4) 427-446
Kola Peninsula 58(1-4) 121-141; 58(1-4) 289-303
Pechenga 58(1-4) 289-303
metamorphism, Aldan Shield 62(4) 399-417
Mohorovicic discontinuity, Kola Peninsula 64(1-4) 23-51
paleomagnetism, Karelia Russian Federation 74(4) 245-252; 93(2-3) 201-213
petrology
Aldan Shield 62(4) 419-430; 62(4) 473-491
Karelia Russian Federation 62(4) 375-397; 64(1-4) 197-205; 75(1-2) 31-46
Kola Peninsula 64(1-4) 197-205; 75(1-2) 31-46
plate tectonics
Aldan River 89(1-2) 1-23
Aldan Shield 89(1-2) 1-23
Karelia Russian Federation 64(1-4) 3-21
Kola Peninsula 64(1-4) 3-21
sea-floor spreading, Pechenga 92(3) 215-221
sedimentary petrology, Timan-Pechora region 61(3-4) 181-190
stratigraphy
Kola Peninsula 69(1-4) 81-93
Yakutia Russian Federation 73(1-4) 251-270
tectonophysics
Karelia Russian Federation 64(1-4) 273-288; 72(1-2) 97-107; 98(3-4) 197-221
Kola Peninsula 72(1-2) 97-107; 82(1-2) 133-151
Kola Russian Federation 72(1-2) 97-107
Lake Ladoga 64(1-4) 85-108
Pechenga 82(1-2) 133-151
Russian Platform *see also* Ukrainian Shield
crust 64(1-4) 289-294
geochemistry 79(3-4) 209-226
plate tectonics 64(1-4) 3-21
stratigraphy 73(1-4) 197-216
tectonophysics 64(1-4) 419-430; 68(3-4) 231-240
Russian Republic *see* Russian Federation
Rustenburg layered suite
metal ores 79(1-2) 141-169
Rusty Shale
tectonics 52(1-2) 1-35
rutile
Brazil, petrology 68(3-4) 241-255
Ghana
geochronology 56(1-2) 89-96
gold ores 89(3-4) 129-143
Quebec, metamorphic rocks 90(1-2) 59-83
Saskatchewan, geochronology 95(3-4) 187-223
Sri Lanka, geochronology 66(1-4) 123-149
Sweden, structural geology 98(3-4) 173-195
Ruyang Group
Proterozoic 84(3-4) 197-220
S *see* sulfur
S-34/S-32
Australia, geochemistry 63(3-4) 225-246
Brazil, geochemistry 89(1-2) 87-100
British Columbia, Proterozoic 73(1-4) 71-99
Canada
geochemistry 63(3-4) 225-246
Proterozoic 100(1-3) 371-433
China, geochemistry 89(1-2) 77-86; 97(1-2) 59-75
Iran, geochemistry 63(3-4) 225-246
metal ores 61(3-4) 295-322
Minnesota, geochemistry 54(2-4) 131-151
Mongolia, Proterozoic 100(1-3) 371-433
Montana, geochemistry 63(3-4) 225-246
Namibia, geochemistry 63(3-4) 225-246
Ontario, geochemistry 52(3-4) 347-380; 54(2-4) 131-151
South Africa
geochemistry 79(1-2) 57-71
metal ores 79(1-2) 141-169; 96(3-4) 209-224
South Australia
metal ores 79(3-4) 281-305
stratigraphy 100(1-3) 151-179
S-type granites
China, structural geology 67(1-2) 37-57
New South Wales Australia, geochronology 71(1-4) 251-263
Northern Territory Australia, geochronology 71(1-4) 45-68; 71(1-4) 301-314
South Africa 70(3-4) 303-335
tectonophysics 97(3-4) 303-323
Western Australia
geochemistry 83(1-3) 133-183
geochronology 71(1-4) 301-314
S-waves
Europe, tectonophysics 64(1-4) 153-168; 64(1-4) 169-187
North Sea, Mohorovicic discontinuity 64(1-4) 23-51
Scandinavia, Mohorovicic discontinuity 64(1-4) 23-51
Saamian
crust 64(1-4) 189-195
structural geology 64(1-4) 131-152
Sabie-Pilgrim's Rest gold field
gold ores 79(1-2) 125-140
Saguache County Colorado
metal ores 61(3-4) 231-240
Saguenay County Quebec
petrology 79(3-4) 327-346
Sahara *see* Adrar des Iforas; Algeria; Mali
Sahara Desert *see* Sahara
Saint Ambroise Intrusion
petrology 79(3-4) 327-346
Saint Francois Mountains
petrology 95(1-2) 69-88

Saint Francois Terrane
metasomatism 51(1-4) 245-263
petrology 95(1-2) 69-88
Saint James Mine
sedimentary petrology 67(3-4) 243-276
Saldania Belt
tectonophysics 97(3-4) 303-323
Salgadalia Pluton
structural geology 84(3-4) 139-162
Salgueiro Group
magmas 62(3) 323-342
Salgueiro-Cachoeirinha Group
metal ores 58(1-4) 195-214
Salitre Formation
geochemistry 89(1-2) 87-100
salt
Oman 54(1) 1-14
salt tectonics
Oman, energy sources 54(1) 1-14
Salvador-Curaca Belt
structural geology 86(3-4) 155-176
samarium
Sm-147/Nd-144
Mexico 96(3-4) 245-262
New York 96(3-4) 245-262
San Gabriel anorthosite complex
magmas 70(1-2) 1-24
San Gabriel Mountains
magmas 70(1-2) 1-24
sand
paleontology 56(1-2) 159-166
Sand Bay gneiss association
geochemistry 85(1-2) 97-113
Sand River Gneisses
petrology 78(1-3) 139-150
sand waves
India, Proterozoic 84(1-2) 63-81
Sandmata Complex
petrology 83(4) 267-290
sandstone
Appalachians, Proterozoic 97(1-2) 115-134
Arctic region, stratigraphy 53(3-4) 165-197
Burkina Faso 80(3-4) 153-172
Canada, Archean 93(1) 5-26
Canadian Shield, faults 68(3-4) 201-230
China, plate tectonics 76(1-2) 67-76
Finland, stratigraphy 64(1-4) 253-271
France, petrology 51(1-4) 393-427
Gabon 65(1-4) 341-356
Greenland, Archean 93(1) 5-26
India, Proterozoic 84(1-2) 63-81
Morocco
plate tectonics 54(2-4) 295-319
volcanism 70(1-2) 25-44
Northern Territory Australia, volcanism 94(3-4) 225-250
Northwest Territories
Archean 94(3-4) 175-204
stratigraphy 68(1-2) 115-137
Oman, energy sources 54(1) 1-14
Ontario 68(1-2) 23-42
petrology 84(1-2) 17-36
stratigraphy 86(3-4) 201-223
paleontology 56(1-2) 159-166
Queensland Australia, volcanism 94(3-4) 225-250
South Africa 68(3-4) 257-290
metal ores 79(1-2) 141-169
South Australia
Cambrian 100(1-3) 65-95
Proterozoic 74(3) 119-175
Spain, geochemistry 84(3-4) 163-180
Spitsbergen, stratigraphy 53(3-4) 165-197
Western Australia
Archean 79(1-2) 3-24
geochemistry 57(1-2) 21-47
Proterozoic 99(1-2) 33-64
structural geology 88(1-4) 25-52
Zimbabwe, stratigraphy 77(3-4) 161-178
Sandur Belt
geochemistry 61(1-2) 137-164; 72(1-2) 69-95; 84(3-4) 117-138
geochronology 78(4) 261-272
Sandur India
geochemistry 61(1-2) 137-164; 72(1-2) 69-95
Santaveri Formation
geochronology 80(3-4) 205-216
Santavery Formation
geochronology 59(1-2) 145-170
Sanxia (Yangtze) *see* Yangtze Three Gorges
Sao Francisco Basin
geochemistry 89(1-2) 87-100
plate tectonics 53(1-2) 23-40
tectonophysics 53(1-2) 1-22
Sao Francisco Craton
Archean 63(3-4) 179-188
geochemistry 89(1-2) 87-100
gold ores 68(1-2) 139-167
petrology 51(1-4) 283-314; 78(1-3) 151-164; 95(1-2) 9-39; 99(3-4) 309-325
plate tectonics 69(1-4) 169-191; 69(1-4) 327-344; 78(4) 301-302
stratigraphy 80(1-2) 125-152; 99(3-4) 179-196
structural geology 77(1-2) 1-15; 79(3-4) 347-361; 84(3-4) 139-162; 86(3-4) 155-176; 90(1-2) 29-58; 97(1-2) 3-26
tectonophysics 82(1-2) 35-62; 99(3-4) 255-269
Sao Francisco Supergroup
stratigraphy 80(1-2) 125-152; 99(3-4) 179-196
Sao Paulo Brazil
petrology 51(1-4) 351-374
structural geology 98(1-2) 31-51
Saskatchewan *see also* Flin Flon Belt; Missi Group; Rae Province
geochemistry, La Ronge Domain 92(1) 37-64
magmas, La Ronge Domain 70(1-2) 145-164
tectonophysics 69(1-4) 11-24
saturated hydrocarbons
Michigan, geochemistry 54(1) 65-79
Wisconsin, geochemistry 54(1) 65-79
saturation magnetization
Canada, tectonics 90(1-2) 85-101
Saunders County Nebraska
paleomagnetism 76(1-2) 47-65
sausage structure *see* boudinage
Savannah Province
geochronology 89(3-4) 101-127
Savolappi shear system
plate tectonics 64(1-4) 207-223
Saxony Germany
structural geology 73(1-4) 235-250
Saxony-Thuringia
structural geology 73(1-4) 235-250
Sc *see* scandium
Scandinavia *see also* Denmark; Finland; Norway; Sweden
tectonophysics 68(3-4) 231-240
scandium
India, geochemistry 61(1-2) 137-164
petrology 51(1-4) 161-172
Scania *see* Skane
scapolite
Australia, fluid inclusions 66(1-4) 309-323
Scotland, geochronology 91(3-4) 401-418
Sri Lanka, geochemistry 66(1-4) 325-349
scheelite
Greenland, geochemistry 82(3-4) 177-189
Schirmacher Hills
structural geology 63(3-4) 273-291
schistosity
Ethiopia, metamorphism 62(3) 271-283
Finland 64(1-4) 295-309
Malawi 62(3) 207-226
Mozambique, metamorphism 62(3) 271-283
Niger 70(3-4) 281-301
Sweden, Proterozoic 79(3-4) 227-237
Tanzania 62(3) 207-226
schists *see also* greenstone; tourmalinite
Afghanistan 98(3-4) 223-241
Antarctica, structural geology 75(3-4) 209-229
Brazil
diagenesis 70(3-4) 253-268

gold ores 68(1-2) 139-167
structural geology 86(3-4) 155-176
Ethiopia, structural geology 62(3) 307-322
India 83(4) 267-290
geochemistry 61(1-2) 137-164; 87(1-2) 75-85
Morocco 70(1-2) 25-44
Mozambique, structural geology 62(3) 307-322
Northern Territory Australia, metal ores 78(4) 211-235
Ontario, geochemistry 74(1-2) 73-89
Russian Federation 62(4) 399-417
South Africa 55(1-4) 81-92
Ukraine 78(1-3) 65-78
Zimbabwe, geochemistry 81(3-4) 179-196
schizomycetes *see* bacteria
Schizophyta *see* cyanobacteria
schuppen texture *see* imbricate tectonics
Schwarzrand Subgroup
Proterozoic 63(3-4) 247-272; 73(1-4) 153-171
Scotland
Archean 62(3) 239-270
geochemistry 85(1-2) 81-96
geochronology, Outer Hebrides 91(3-4) 401-418
sea floor spreading *see* sea-floor spreading
sea floors *see* ocean floors
sea water *see also* brines
52(3-4) 337-345
Australia, geochemistry 63(3-4) 225-246
British Columbia, Proterozoic 73(1-4) 71-99
Canada, geochemistry 63(3-4) 225-246
China, Cambrian 93(2-3) 215-233
Iran, geochemistry 63(3-4) 225-246
Montana, geochemistry 63(3-4) 225-246
Namibia, geochemistry 63(3-4) 225-246
stratigraphy 73(1-4) 27-49
sea-floor spreading
Archean 97(3-4) 143-154
Russian Federation 82(1-2) 133-151; 92(3) 215-221
South Africa 97(3-4) 303-323
Western Australia 91(1-2) 181-227
sea-level changes *see also* eustacy; transgression
isostasy 92(4) 387-412
Precambrian 97(3-4) 137-141; 97(3-4) 137-323
South Australia, stratigraphy 100(1-3) 109-120; 100(1-3) 151-179
Western Australia
Archean 97(3-4) 165-189
stratigraphy 97(3-4) 155-164
Zimbabwe, stratigraphy 97(3-4) 155-164
Seal Lake Group
orogeny 86(3-4) 117-154
petrology 68(3-4) 357-374
seawater *see* sea water
Sebkha de Tindouf *see* Tindouf Basin
secondary structures *see* concretions
secondary wave *see* S-waves
sediment supply
Appalachians, Proterozoic 97(1-2) 115-134
Archean 97(3-4) 143-154
sediment transport
Namibia, Proterozoic 63(3-4) 247-272
sedimentary fault *see* growth faults
sedimentary petrology *see* clay mineralogy; diagenesis; heavy minerals; reefs; sedimentary structures; sedimentation; sediments; weathering
sedimentary quartzite *see* orthoquartzite
sedimentary rocks *see also* chemically precipitated rocks; lithostratigraphy
Africa, geochemistry 79(1-2) 1-194
arenite
Canadian Shield 68(3-4) 291-306
India 72(1-2) 69-95
Northern Territory Australia 54(1) 81-108
Ontario 68(1-2) 23-42; 86(3-4) 201-223
Western Australia 60(1-4) 287-335
argillite
Canadian Shield 68(3-4) 201-230
India 72(1-2) 69-95
banded iron formations
India 97(3-4) 269-302
South Australia 97(3-4) 269-302
Western Australia 88(1-4) 109-142; 88(1-4) 249-265; 97(3-4) 165-189; 97(3-4) 269-302; 99(1-2) 33-64
black shale
Bolivia 61(3-4) 181-190
China 80(1-2) 23-48
Gabon 65(1-4) 341-356
geochemistry 61(3-4) 191-207; 61(3-4) 209-229
metal ores 61(3-4) 169-322
Michigan 54(1) 65-79; 61(3-4) 181-190
Morocco 70(1-2) 25-44
Ontario 61(3-4) 279-293
Rocky Mountains 61(3-4) 241-278
Russian Federation 61(3-4) 181-190
South Africa 61(3-4) 279-293
South Australia 74(3) 119-175
United Arab Emirates 61(3-4) 181-190
Wisconsin 54(1) 65-79
Wyoming 61(3-4) 181-190
Zimbabwe 77(3-4) 161-178
breccia
Brazil 86(3-4) 155-176
South Africa 67(1-2) 159-180
Western Australia 88(1-4) 207-231
carbonate rocks 73(1-4) 283-289
Brazil 72(3-4) 235-245; 73(1-4) 271-282; 89(1-2) 87-100; 99(3-4) 179-196
British Columbia 73(1-4) 71-99
Canada 100(1-3) 371-433
China 57(3-4) 243-323; 72(3-4) 185-197
India 72(1-2) 69-95
Mongolia 100(1-3) 371-433
Namibia 63(3-4) 247-272
Northern Territory Australia 59(3-4) 225-241; 72(1-2) 1-41
Protista 85(3-4) 201-239
Queensland Australia 72(1-2) 1-41
Russian Federation 54(1) 37-44
South Africa 79(1-2) 73-100; 92(2) 129-144
stratigraphy 73(1-4) 27-49
Sweden 52(3-4) 187-214
Western Australia 60(1-4) 287-335; 97(3-4) 165-189
chert
Africa 67(3-4) 243-276
China 96(3-4) 183-208
Gabon 65(1-4) 341-356; 81(3-4) 197-221
India 61(1-2) 137-164
Labrador 77(1-2) 131-141
Newfoundland 77(1-2) 131-141
Northern Territory Australia 96(1-2) 63-82
Ontario 59(3-4) 283-313
Protista 85(3-4) 201-239
Rocky Mountains 61(3-4) 241-278
Russian Federation 65(1-4) 231-254
South Africa 54(2-4) 271-293; 72(1-2) 109-145
Western Australia 57(1-2) 21-47; 78(4) 237-260; 80(1-2) 49-76; 88(1-4) 25-52; 88(1-4) 109-142; 96(1-2) 63-82
Zimbabwe 77(3-4) 161-178
clastic rocks
Northern Territory Australia 72(1-2) 1-41
Queensland Australia 72(1-2) 1-41
Spain 53(3-4) 267-279
Western Australia 83(1-3) 11-42
conglomerate
Appalachians 97(1-2) 115-134
Arctic region 53(3-4) 165-197
Brazil 86(3-4) 155-176
Burkina Faso 80(3-4) 153-172
Canadian Shield 68(3-4) 201-230
Ghana 67(1-2) 89-107
Greenland 72(3-4) 227-234
India 72(3-4) 283-299
Morocco 54(2-4) 295-319
Northwest Territories 68(1-2) 115-137; 94(3-4) 175-204

Ontario 68(1-2) 23-42
South Africa 54(2-4) 257-269; 68(3-4) 257-290
South Australia 74(3) 119-175
Spitsbergen 53(3-4) 165-197
Sweden 72(3-4) 199-225
Western Australia 60(1-4) 287-335; 88(1-4) 25-52; 99(1-2) 33-64
Denmark, geomorphology 64(1-4) 337-345
diamictite
Brazil 89(1-2) 87-100
China 97(1-2) 59-75
Finland 64(1-4) 253-271
India 79(3-4) 307-325
Newfoundland 73(1-4) 123-136
Scotland 85(1-2) 81-96
South Australia 100(1-3) 299-312
Tasmania Australia 100(1-3) 299-312
Western Australia 88(1-4) 25-52
dolostone
China 89(1-2) 77-86
Labrador 77(1-2) 131-141
Newfoundland 77(1-2) 131-141
Northwest Territories 90(3-4) 187-202
Oman 54(1) 1-14
Ontario 52(3-4) 347-380
Western Australia 79(1-2) 3-24; 100(1-3) 359-370
evaporites
Africa 67(3-4) 243-276
China 72(3-4) 185-197
Europe 82(3-4) 311-348
Western Australia 60(1-4) 47-67
flysch, Namibia 63(3-4) 247-272
Ghana, geochronology 56(1-2) 89-96
grainstone
Arctic region 53(3-4) 165-197
Spitsbergen 53(3-4) 165-197
graywacke
Canadian Shield 62(3) 285-305
Central African Republic 68(1-2) 97-113
India 67(1-2) 11-35; 70(1-2) 93-112
Ontario 52(1-2) 53-69
Sri Lanka 66(1-4) 223-244
Greenland
Cambrian 73(1-4) 217-233
gold ores 62(1-2) 61-82
India, geochemistry 67(3-4) 181-206
iron formations
Arabian Peninsula 58(1-4) 169-194
Central African Republic 68(1-2) 97-113
China 78(1-3) 79-94
Greenland 72(3-4) 227-234
India 61(1-2) 137-164; 70(1-2) 93-112; 72(1-2) 69-95
Northern Territory Australia 78(4) 211-235
Northwest Territories 77(1-2) 59-89
Ontario 52(3-4) 347-380
South Africa 54(2-4) 257-269; 61(1-2) 117-136; 72(1-2) 109-145; 79(1-2) 171-194
Western Australia 57(1-2) 21-47; 60(1-4) 243-286; 69(1-4) 133-155; 79(1-2) 3-24; 80(1-2) 49-76
Zimbabwe 77(3-4) 161-178
ironstone, South Africa 54(2-4) 257-269
limestone
India 72(3-4) 171-184; 78(4) 261-272
Northwest Territories 90(3-4) 187-202
Ontario 52(3-4) 347-380
micrite, China 96(3-4) 183-208
molasse
Africa 69(1-4) 199-227
Algeria 69(1-4) 307-326
Canadian Shield 68(3-4) 201-230
Jordan 56(1-2) 51-72
Namibia 63(3-4) 247-272
Niger 67(1-2) 59-88
South America 69(1-4) 199-227
mudstone
Arctic region 53(3-4) 165-197
Finland 64(1-4) 253-271
geochemistry 61(3-4) 191-207
Northern Territory Australia 54(1) 81-108; 59(3-4) 225-241
Ontario 86(3-4) 201-223
Rocky Mountains 61(3-4) 241-278
South Africa 67(1-2) 159-180; 68(3-4) 257-290; 79(1-2) 141-169; 97(3-4) 191-214
Spitsbergen 53(3-4) 165-197
North Sea, Mohorovicic discontinuity 64(1-4) 23-51
Northwest Territories, Archean 81(3-4) 265-297
Ontario, petrology 91(3-4) 287-294
orthoquartzite, Sweden 72(3-4) 199-225
phosphate rocks, China 89(1-2) 77-86
quartz arenite
Northern Territory Australia 59(3-4) 225-241
Northwest Territories 77(1-2) 59-89
Western Australia 79(1-2) 3-24
Zimbabwe 77(3-4) 161-178
red beds
Europe 82(3-4) 311-348
South Africa 54(2-4) 257-269
sandstone
Appalachians 97(1-2) 115-134
Arctic region 53(3-4) 165-197
Burkina Faso 80(3-4) 153-172
Canada 93(1) 5-26
Canadian Shield 68(3-4) 201-230
China 76(1-2) 67-76
Finland 64(1-4) 253-271
France 51(1-4) 393-427
Gabon 65(1-4) 341-356
Greenland 93(1) 5-26
India 84(1-2) 63-81
Morocco 54(2-4) 295-319; 70(1-2) 25-44
Northern Territory Australia 94(3-4) 225-250
Northwest Territories 68(1-2) 115-137; 94(3-4) 175-204
Oman 54(1) 1-14
Ontario 68(1-2) 23-42; 84(1-2) 17-36; 86(3-4) 201-223
paleontology 56(1-2) 159-166
Queensland Australia 94(3-4) 225-250
South Africa 68(3-4) 257-290; 79(1-2) 141-169
South Australia 74(3) 119-175; 100(1-3) 65-95
Spain 84(3-4) 163-180
Spitsbergen 53(3-4) 165-197
Western Australia 57(1-2) 21-47; 79(1-2) 3-24; 88(1-4) 25-52; 99(1-2) 33-64
Zimbabwe 77(3-4) 161-178
Scandinavia, Mohorovicic discontinuity 64(1-4) 23-51
shale
China 65(1-4) 95-114
India 61(1-2) 137-164; 72(1-2) 69-95; 72(3-4) 171-184; 84(1-2) 63-81; 98(1-2) 53-65
Labrador 77(1-2) 131-141
Newfoundland 77(1-2) 131-141
Northern Territory Australia 54(1) 81-108
Oman 54(1) 1-14
Ontario 52(1-2) 53-69; 84(1-2) 17-36; 86(3-4) 201-223
South Africa 79(1-2) 73-100; 96(3-4) 209-224
South Australia 74(3) 119-175
Spain 84(3-4) 163-180
Sri Lanka 66(1-4) 223-244
Western Australia 57(1-2) 21-47
Zimbabwe 77(3-4) 161-178
silcrete, South Africa 67(1-2) 159-180
siltstone
China 76(1-2) 67-76
Labrador 77(1-2) 131-141
Michigan 54(1) 65-79
Morocco 54(2-4) 295-319
Newfoundland 77(1-2) 131-141
Northern Territory Australia 54(1) 81-108
Northwest Territories 94(3-4) 175-204
Wisconsin 54(1) 65-79
South Africa, geochemistry 78(4) 273-287
South Australia, stratigraphy 100(1-3) 151-179
Sweden, geomorphology 64(1-4) 337-345

tillite, Western Australia 100(1-3) 359-370
tilloid, India 79(3-4) 307-325
Western Australia, Archean 65(1-4) 297-317
sedimentary structures
algal mats
Australia 100(1-3) 235-280
China 52(1-2) 167-178; 56(3-4) 275-290
Gabon 81(3-4) 197-221
Rocky Mountains 61(3-4) 241-278
South Australia 74(3) 119-175
Western Australia 96(1-2) 25-39
bedding
South Africa 79(1-2) 125-140
South Australia 100(1-3) 65-95; 100(1-3) 109-120
bioherms
China 52(1-2) 167-178
Northwest Territories 90(3-4) 187-202
South Australia 92(1) 65-87; 100(1-3) 109-120
Western Australia 92(1) 65-87
bioturbation
Michigan 54(1) 65-79
Wisconsin 54(1) 65-79
Bouma sequence
Morocco 70(1-2) 25-44
Western Australia 60(1-4) 337-359
Canadian Shield, structural geology 68(3-4) 291-306
China 59(3-4) 315-323
concretions
Brazil 70(3-4) 253-268
China 89(1-2) 77-86
Minnesota 54(2-4) 131-151
Ontario 54(2-4) 131-151
cross-bedding
India 77(1-2) 117-130
Northern Territory Australia 59(3-4) 225-241
South Australia 74(3) 119-175
cross-stratification
Appalachians 97(1-2) 115-134
India 84(1-2) 63-81
Northwest Territories 81(3-4) 265-297
Scandinavia 97(3-4) 253-267
Zimbabwe 77(3-4) 161-178
cyclothems, Western Australia 79(1-2) 3-24
graded bedding
India 84(1-2) 63-81
South Australia 74(3) 119-175
Western Australia 60(1-4) 337-359
hummocky cross-stratification, India 84(1-2) 63-81
India, geochemistry 67(1-2) 11-35
laminations
Appalachians 97(1-2) 115-134
China 52(1-2) 167-178; 96(3-4) 183-208
India 56(1-2) 139-157; 77(1-2) 117-130
Rocky Mountains 61(3-4) 241-278
South Africa 54(2-4) 271-293; 63(1-2) 27-41
lebensspuren, South Australia 100(1-3) 97-108
Northern Territory Australia, metal ores 78(4) 211-235
rhythmic bedding, Morocco 70(1-2) 25-44
rhythmite
Northwest Territories 81(3-4) 265-297
South Africa 72(1-2) 109-145
ripple marks
Northern Territory Australia 59(3-4) 225-241
South Australia 74(3) 119-175
sand waves, India 84(1-2) 63-81
soft sediment deformation
India 84(1-2) 63-81
Precambrian 70(1-2) 168
Western Australia 65(1-4) 297-317
stromatolites
Africa 67(3-4) 243-276
Arctic region 53(3-4) 165-197
Brazil 80(1-2) 125-152
China 52(1-2) 167-178; 56(3-4) 275-290; 57(1-2) 135-163; 57(3-4) 243-323; 84(3-4) 197-220; 94(1-2) 121-137; 96(3-4) 183-208
Europe 82(3-4) 311-348
Gabon 65(1-4) 341-356; 81(3-4) 197-221
Greenland 53(3-4) 281-299
Himalayas 59(3-4) 325-327
India 56(1-2) 139-157; 92(1) 21-35
Mauritania 53(3-4) 281-299
Northwest Territories 90(3-4) 187-202
Russian Federation 73(1-4) 251-270
South Africa 75(1-2) 65-90
South Australia 92(1) 65-87; 100(1-3) 109-120; 100(1-3) 281-298
Spitsbergen 53(3-4) 165-197
Western Australia 60(1-4) 47-67; 60(1-4) 287-335; 92(1) 65-87
sedimentation *see also* basins; carbonate platforms; diagenesis; foreland basins; progradation; sediment transport; sedimentary rocks; sedimentation rates; silicification
Africa, stratigraphy 73(1-4) 137-151
Brazil, petrology 80(3-4) 217-238
British Columbia, Proterozoic 73(1-4) 71-99
Finland, stratigraphy 64(1-4) 253-271
fluvial sedimentation, Appalachians 97(1-2) 115-134
Labrador, structural geology 81(1-2) 101-128
Morocco, volcanism 70(1-2) 25-44
Namibia, Proterozoic 73(1-4) 153-171
New England, structural geology 53(1-2) 41-78
Newfoundland, structural geology 81(1-2) 101-128
Northern Territory Australia 59(3-4) 225-241
Proterozoic 73(1-4) 173-195
volcanism 94(3-4) 225-250
Northwest Territories, Archean 94(3-4) 175-204
Norway, cobalt ores 91(3-4) 419-432
Queensland Australia
geochronology 71(1-4) 131-153
volcanism 94(3-4) 225-250
Scandinavia, stratigraphy 97(3-4) 253-267
South Africa
Archean 97(3-4) 191-214
lava 78(1-3) 125-138
Western Australia 60(1-4) 243-286
Archean 97(3-4) 165-189
deformation 88(1-4) 83-108
petrology 95(3-4) 275, 277-302
structural geology 88(1-4) 25-52; 94(1-2) 11-28
tectonics 88(1-4) 109-142
sedimentation rates
China
Cambrian 93(2-3) 215-233
paleobotany 96(3-4) 183-208
Far East, paleomagnetism 70(1-2) 113-143
Himalayas, paleomagnetism 70(1-2) 113-143
sediments *see also* lithostratigraphy
clastic sediments
magmas 51(1-4) 1-25
petrology 51(1-4) 161-172
Proterozoic 51(1-4) 337-350
clay, South Africa 63(1-2) 27-41
pebbles, Burkina Faso 80(3-4) 153-172
sand, paleontology 56(1-2) 159-166
South Africa, geochemistry 79(1-2) 57-71
seismic methods *see also* seismic profiles
structural geology 55(1-4) 173-186
tectonophysics 64(1-4) 85-108; 64(1-4) 273-288; 99(3-4) 149-169
seismic profiles
Canada, metal ores 58(1-4) 355-386
Europe, tectonophysics 64(1-4) 153-168; 64(1-4) 169-187
India, petrology 70(1-2) 167-168
North Sea, Mohorovicic discontinuity 64(1-4) 23-51
Oman, petroleum 54(1) 15-36
Scandinavia, Mohorovicic discontinuity 64(1-4) 23-51

South Africa, structural geology 55(1-4) 187-200; 96(3-4) 263-288
South Australia, Proterozoic 74(3) 119-175
Sweden, petrology 52(3-4) 231-243
United States, metal ores 58(1-4) 355-386
Western Australia
folds 83(1-3) 43-56
petrology 96(1-2) 125-139
structural geology 78(1-3) 179-196
Zimbabwe, structural geology 55(1-4) 187-200
seismic waves *see* body waves
seismicity
Africa 90(3-4) 239-240
North Sea, Mohorovicic discontinuity 64(1-4) 23-51
Scandinavia, Mohorovicic discontinuity 64(1-4) 23-51
seismology *see* crust; earthquakes; mantle; Mohorovicic discontinuity
Semri Group
stratigraphy 79(3-4) 307-325
Semri Series
paleobotany 74(1-2) 91-117
problematic fossils 72(3-4) 171-184
sensing, remote *see* remote sensing
sequence stratigraphy
Africa, Archean 74(4) 203-223
Australia, Proterozoic 99(3-4) 271-308
British Columbia, Proterozoic 73(1-4) 71-99
Greenland, Cambrian 73(1-4) 217-233
India, metal ores 77(1-2) 117-130
Namibia, Proterozoic 73(1-4) 153-171
Newfoundland, Cambrian 73(1-4) 123-136
Northern Territory Australia
Cambrian 86(1-2) 93-113
Proterozoic 73(1-4) 173-195
Precambrian 97(3-4) 137-323
Russian Federation 73(1-4) 251-270
Scandinavia 97(3-4) 253-267
South Africa 97(3-4) 215-251
Archean 97(3-4) 191-214
South Australia 73(1-4) 3-26; 100(1-3) 97-108
Cambrian 100(1-3) 65-95
Proterozoic 74(3) 119-175
Western Australia 60(1-4) 1-45
Archean 79(1-2) 3-24
metal ores 58(1-4) 55-70
structural geology 60(1-4) 185-241; 88(1-4) 173-205
sericite
Western Australia, Archean 65(1-4) 297-317
Serpent Formation
petrology 84(1-2) 17-36
stratigraphy 86(3-4) 201-223
serpentinite
Africa, structural geology 61(1-2) 67-88
Ethiopia, structural geology 62(3) 307-322
Mozambique, structural geology 62(3) 307-322
South Africa, stratigraphy 67(1-2) 159-180
Sete Voltas Massif
Archean 63(3-4) 179-188
tectonophysics 82(1-2) 35-62
Seychelles
tectonophysics, Mahe Island 69(1-4) 281-292
Shabogamo Gabbro Dike
Proterozoic 99(1-2) 65-90
tectonics 63(1-2) 123-142
Shadforth Sandstone
volcanism 94(3-4) 225-250
shake wave *see* S-waves
shale *see also* slates
China, paleobotany 65(1-4) 95-114
India
geochemistry 61(1-2) 137-164; 72(1-2) 69-95; 98(1-2) 53-65
problematic fossils 72(3-4) 171-184
Proterozoic 84(1-2) 63-81
Labrador, geochemistry 77(1-2) 131-141
Newfoundland, geochemistry 77(1-2) 131-141
Northern Territory Australia 54(1) 81-108
Oman 54(1) 1-14
Ontario
geochemistry 52(1-2) 53-69
petrology 84(1-2) 17-36
stratigraphy 86(3-4) 201-223
South Africa 96(3-4) 209-224
Archean 79(1-2) 73-100
South Australia, Proterozoic 74(3) 119-175
Spain, geochemistry 84(3-4) 163-180
Sri Lanka, geochemistry 66(1-4) 223-244
Western Australia, geochemistry 57(1-2) 21-47
Zimbabwe, stratigraphy 77(3-4) 161-178
Shaler Supergroup
Proterozoic 100(1-3) 181-211
Shanxi China *see also* Hutuo Group; Taihang Mountains
Proterozoic 84(3-4) 197-220
tectonics 78(1-3) 95-103
Shark Bay
Invertebrata 96(1-2) 25-39
Shaw Batholith
petrology 60(1-4) 117-149
structural geology 80(1-2) 89-105; 88(1-4) 233-247
tectonics 88(1-4) 207-231
Shawanaga Domain
geochemistry 85(1-2) 97-113
structural geology 89(1-2) 25-45
Shawanaga shear zone
structural geology 89(1-2) 25-45
shear cleavage *see* slip cleavage
shear wave *see* S-waves
shear zones *see also* metamorphic core complexes; mylonites
Africa, petrology 93(4) 299-337
Atlantic region, plate tectonics 69(1-4) 169-191
Australia, tectonics 55(1-4) 491-506
Brazil
petrology 87(1-2) 19-32
structural geology 59(1-2) 125-143; 77(1-2) 1-15; 79(3-4) 347-361; 86(3-4) 155-176; 92(3) 251-275; 98(1-2) 31-51
Canadian Shield, gold ores 84(1-2) 83-103
Ethiopia
geochemistry 96(1-2) 101-124
structural geology 52(1-2) 179-186; 62(3) 307-322; 77(3-4) 179-210; 98(1-2) 83-105
Europe, plate tectonics 64(1-4) 207-223
France, petrology 51(1-4) 393-427
French Guiana, structural geology 92(2) 165-194
Greenland
faults 68(1-2) 65-79
gold ores 62(1-2) 61-82
structural geology 93(1) 71-85
India, petrology 83(4) 267-290
Labrador
Proterozoic 99(1-2) 65-90
tectonics 63(1-2) 123-142
metal ores 58(1-4) 387-400
Mozambique
structural geology 62(3) 307-322
tectonics 62(1-2) 1-59
New England, structural geology 53(1-2) 41-78
New Mexico, structural geology 84(1-2) 1-15
New South Wales Australia, geochronology 71(1-4) 251-263
Newfoundland
Proterozoic 99(1-2) 65-90
tectonics 63(1-2) 123-142
Niger, structural analysis 70(3-4) 281-301
Northern Territory Australia
geochronology 71(1-4) 229-250
Proterozoic 71(1-4) 3-15
structural geology 72(1-2) 43-67
Northwest Territories
metal ores 58(1-4) 1-24
structural geology 93(1) 27-49
Norway
geochronology 90(3-4) 159-185

Proterozoic 64(1-4) 389-402
Ontario
structural geology 89(1-2) 25-45
tectonophysics 65(1-4) 183-205
Papua New Guinea, tectonophysics 65(1-4) 183-205
petrology 55(1-4) 47-49
Quebec
deformation 92(2) 145-164
structural geology 93(1) 27-49
South Africa
Archean 55(1-4) 17-31
geochemistry 52(3-4) 301-319
metamorphism 55(1-4) 1-5
petrology 55(1-4) 279-296
structural geology 55(1-4) 7-16; 55(1-4) 51-67; 55(1-4) 93-110; 55(1-4) 539-552; 55(1-4) 553-570
Sri Lanka, plate tectonics 66(1-4) 77-91
Sweden, structural geology 70(3-4) 235-251; 75(1-2) 17-29; 94(1-2) 29-48
United Kingdom, faults 68(1-2) 65-79
Western Australia
Archean 52(3-4) 275-300
deformation 88(1-4) 83-108
geochemistry 54(2-4) 211-229
gold ores 88(1-4) 249-265
petrology 83(4) 221-242; 95(3-4) 275, 277-302
Proterozoic 71(1-4) 3-15
structural geology 68(1-2) 43-64; 75(1-2) 47-63; 78(1-3) 179-196; 80(1-2) 89-105; 83(1-3) 57-81; 88(1-4) 53-66
Zambia, geochronology 63(3-4) 189-209
Zimbabwe
Archean 55(1-4) 17-31
metamorphism 55(1-4) 1-5
structural geology 55(1-4) 7-16; 55(1-4) 539-552; 55(1-4) 553-570

sheath folds
Brazil 92(3) 251-275
Northern Territory Australia 72(1-2) 43-67
Sri Lanka 66(1-4) 59-76

sheet silicates *see* chlorite group; clay minerals; mica group

Sherando Quadrangle
geochemistry 84(1-2) 37-62

Shija Formation
Cambrian 57(3-4) 243-323

Sholl Belt
plate tectonics 88(1-4) 143-171
volcanism 60(1-4) 175-183

Sholl shear zone
plate tectonics 88(1-4) 143-171

shortening, crustal *see* crustal shortening

shoshonite
Brazil 62(3) 323-342
Ontario 81(3-4) 155-178

Shuiyousphaeridium
Proterozoic 84(3-4) 197-220

Siberia
crust 91(3-4) 333-363
fluid inclusions 62(4) 431-451
inclusions 62(4) 507-525
intrusions 54(2-4) 195-210; 62(4) 453-472; 62(4) 493-505
metal ores 58(1-4) 427-446
petroleum 54(1) 37-44
petrology 62(4) 419-430; 62(4) 473-491
plate tectonics 89(1-2) 1-23
Protista 85(3-4) 201-239
stratigraphy 73(1-4) 251-270

Siberian Platform *see* Aldan Shield

Sichuan Basin
natural gas 54(1) 45-63

siderite
Ontario, geochemistry 52(3-4) 347-380; 59(3-4) 283-313

Signal Batholith
petrology 82(3-4) 237-263

silcrete
South Africa, stratigraphy 67(1-2) 159-180

silexite
Gabon, diagenesis 65(1-4) 341-356

silica
Africa, petrology 67(3-4) 277-320
Western Australia, geochemistry 57(1-2) 21-47

silica minerals *see* jasper; quartz

silicates *see* chain silicates; framework silicates; orthosilicates; ring silicates; sheet silicates

siliciclastics
China, Proterozoic 84(3-4) 197-220
Colorado, stratigraphy 87(1-2) 1-18
India, Proterozoic 84(1-2) 63-81
Northern Territory Australia, sedimentation 59(3-4) 225-241
Rocky Mountains, algae 61(3-4) 241-278
South Africa
metal ores 79(1-2) 141-169
petrology 52(1-2) 115-132
Spain, geochemistry 84(3-4) 163-180
Utah, stratigraphy 87(1-2) 1-18

silicification
Africa, petrology 67(3-4) 277-320
Arctic region, stratigraphy 53(3-4) 165-197
China, paleobotany 96(3-4) 183-208
Gabon, diagenesis 65(1-4) 341-356
metal ores 58(1-4) 387-400
Protista 85(3-4) 201-239
South Africa, metasomatism 92(2) 129-144
Spitsbergen, stratigraphy 53(3-4) 165-197
Western Australia, geochemistry 60(1-4) 99-116; 80(1-2) 49-76

sills
Canadian Shield 89(1-2) 59-76
plate tectonics 63(3-4) 211-223
stratigraphy 69(1-4) 1-10
structural geology 68(3-4) 291-306
Gabon, gold ores 77(3-4) 143-159
Greenland, gold ores 62(1-2) 61-82
Northern Territory Australia 94(3-4) 225-250
Ontario, geochemistry 52(3-4) 347-380
Queensland Australia 94(3-4) 225-250
Russian Federation, paleomagnetism 93(2-3) 201-213
South Africa, geochemistry 79(1-2) 171-194
Sri Lanka 66(1-4) 3-18
Sweden 52(3-4) 187-214
Western Australia, structural geology 88(1-4) 173-205

siltstone
China, plate tectonics 76(1-2) 67-76
Labrador, geochemistry 77(1-2) 131-141
Michigan, geochemistry 54(1) 65-79
Morocco, plate tectonics 54(2-4) 295-319
Newfoundland, geochemistry 77(1-2) 131-141
Northern Territory Australia, energy sources 54(1) 81-108
Northwest Territories, Archean 94(3-4) 175-204
Wisconsin, geochemistry 54(1) 65-79

Silurian
Bolivia 61(3-4) 181-190
Michigan 61(3-4) 181-190
Russian Federation 61(3-4) 181-190
United Arab Emirates 61(3-4) 181-190
Wyoming 61(3-4) 181-190

silver ores
Africa 58(1-4) 305-344
Colorado 61(3-4) 231-240
New South Wales Australia 90(3-4) 203-238; 98(1-2) 1-10
Northwest Territories 58(1-4) 1-24
Ontario 58(1-4) 99-119
South Africa 79(1-2) 141-169
United States 58(1-4) 99-119
Western Australia 90(3-4) 119-140; 98(3-4) 243-270

Simia annulare
paleobotany 96(1-2) 1-23

Sinceni Pluton
magmas 61(1-2) 89-116

Sinclair Sequence
crust 63(1-2) 143-162

Singhbhum Belt
metal ores 58(1-4) 71-83

Singhbhum Craton
geochronology 93(2-3) 139-151
stratigraphy 80(3-4) 193-204
Singhbhum Granite
93(2-3) 139-151
geochemistry 67(3-4) 181-206
metal ores 58(1-4) 71-83
Singhbhum India
geochemistry 76(1-2) 115-116; 76(1-2) 117-118
metal ores 78(4) 297-298
Singhbhum shear zone
Archean 97(3-4) 269-302
geochemistry 67(3-4) 181-206
Singhbhum-Orissa Craton
stratigraphy 80(3-4) 193-204
Sinian *see also* Dengying Formation; Doushantuo Formation; Nantuo Formation; Wumishan Formation
China 57(3-4) 243-323; 59(3-4) 315-323; 80(1-2) 23-48; 89(1-2) 77-86; 93(2-3) 215-233; 97(1-2) 43-57; 100(1-3) 313-334
Far East 70(1-2) 113-143
Himalayas 70(1-2) 113-143
Siphonophycus inornatum
paleobotany 96(3-4) 183-208
Sirohi India
metal ores 61(1-2) 165-168
Skagerrak
Mohorovicic discontinuity 64(1-4) 23-51
Proterozoic 87(3-4) 117-135
Skalhojden Granite
geochemistry 64(1-4) 319-335
Skane
Proterozoic 64(1-4) 361-388
skarn
Finland, metal ores 51(1-4) 265-281
Ontario 84(1-2) 17-36
Sweden, metal ores 51(1-4) 265-281
Skellefte mining district
geochemistry 64(1-4) 239-252
isostasy 86(1-2) 21-44
lead ores 81(1-2) 83-99
magmas 96(3-4) 225-243
metal ores 58(1-4) 143-167
plate tectonics 67(1-2) 141-158
tectonophysics 69(1-4) 61-79
skystones *see* meteorites
slates
China, plate tectonics 76(1-2) 67-76
Northern Territory Australia, metal ores 78(4) 211-235
Slave Province
Archean 94(3-4) 175-204
crust 99(3-4) 197-224
geochemistry 67(3-4) 207-241
metal ores 58(1-4) 1-24
Proterozoic 90(3-4) 187-202
slickensides
Ontario, structural geology 77(1-2) 41-57
sliding, gravity *see* gravity sliding
slip cleavage
Ethiopia, metamorphism 62(3) 271-283
Ivory Coast, tectonophysics 65(1-4) 207-229
Mozambique, metamorphism 62(3) 271-283
Namibia 57(3-4) 169-194
Sm-147/Nd-144
Mexico, Proterozoic 96(3-4) 245-262
New York, Proterozoic 96(3-4) 245-262
Sm/Nd
Africa, petrology 78(1-3) 105-124; 93(4) 299-337
Antarctica
geochemistry 75(3-4) 157-174
metamorphic rocks 93(2-3) 235-258
orogeny 75(3-4) 231-250
Baltic region, crust 64(1-4) 289-294
Bolivia, metamorphism 94(1-2) 73-99
Brazil
petrology 78(1-3) 151-164; 80(3-4) 217-238
tectonophysics 81(3-4) 299-310; 99(3-4) 255-269
Burundi, petrology 68(3-4) 323-356
Cameroon, Archean 67(3-4) 321-347
Canadian Shield
Archean 97(1-2) 77-97
crust 99(3-4) 197-224
geochemistry 94(3-4) 139-173; 96(1-2) 83-99
Central African Republic, petrology 68(1-2) 97-113
Chile, metamorphism 94(1-2) 73-99
China
intrusions 56(1-2) 1-31
plate tectonics 81(1-2) 129-144
Proterozoic 62(1-2) 171-190
tectonics 78(1-3) 95-103
Colorado, stratigraphy 87(1-2) 1-18
Europe, petrology 74(1-2) 57-72
Finland
paleomagnetism 74(4) 245-252
tectonophysics 82(1-2) 13-34
Ghana, tectonophysics 56(1-2) 97-111
Greenland
Archean 62(3) 239-270
petrology 63(3-4) 293-323
Proterozoic 63(1-2) 163-178
Himalayas, Archean 56(3-4) 191-210
India
deformation 65(1-4) 319-339
geochemistry 98(1-2) 129-150
geochronology 77(1-2) 17-22; 80(3-4) 205-216
petrology 84(3-4) 181-196
plate tectonics 70(3-4) 269-280
volcanism 87(3-4) 217-231
Ivory Coast
geochemistry 87(1-2) 33-63
tectonics 86(3-4) 177-199
Korea, volcanism 89(1-2) 47-57
Labrador
petrology 56(1-2) 73-87; 63(3-4) 293-323; 93(4) 281-297
structural geology 81(1-2) 15-35
Manitoba, geochronology 68(1-2) 1-21
mantle 91(3-4) 233-252
Mauritania, Archean 90(3-4) 107-117
Mexico
metamorphism 94(1-2) 73-99
Proterozoic 96(3-4) 245-262
New York, Proterozoic 96(3-4) 245-262
Newfoundland
petrology 56(1-2) 73-87; 63(3-4) 293-323; 93(4) 281-297
structural geology 81(1-2) 15-35
Niger, folds 67(1-2) 59-88
Northern Territory Australia
geochronology 71(1-4) 207-227; 71(1-4) 229-250; 71(1-4) 301-314
Proterozoic 71(1-4) 265-299; 71(1-4) 315-346
tectonophysics 65(1-4) 71-94
Norway
petrology 64(1-4) 347-360
Proterozoic 64(1-4) 389-402
tectonophysics 64(1-4) 403-417; 72(1-2) 97-107
Ontario
magmas 81(3-4) 223-239
plate tectonics 91(3-4) 433-444
tectonophysics 91(3-4) 445-454
Pakistan, volcanism 87(3-4) 217-231
Quebec, geochronology 77(3-4) 231-241
Queensland Australia, geochronology 89(3-4) 101-127
Romania, orogeny 80(3-4) 281-301
Russian Federation
crust 64(1-4) 189-195; 91(3-4) 333-363
intrusions 62(4) 453-472
metamorphism 62(4) 399-417
paleomagnetism 74(4) 245-252
petrology 64(1-4) 197-205
tectonophysics 72(1-2) 97-107
Saskatchewan, geochronology 61(1-2) 27-50; 95(3-4) 187-223
Scandinavia, crust 64(1-4) 289-294
Scotland
Archean 62(3) 239-270
geochronology 91(3-4) 401-418
South Africa
geochemistry 54(2-4) 231-256; 55(1-4) 451-467; 91(3-4) 253-267

metal ores 59(1-2) 43-71
metasomatism 92(2) 129-144
petrology 79(1-2) 101-123
South Australia, Proterozoic 94(3-4) 205-224
Sri Lanka
geochronology 66(1-4) 95-110
plate tectonics 70(3-4) 269-280
Swaziland, petrology 67(1-2) 109-139
Sweden
magmas 96(3-4) 225-243
petrology 52(3-4) 215-230; 64(1-4) 347-360
Proterozoic 64(1-4) 361-388; 92(4) 319-339
structural geology 64(1-4) 67-84; 98(3-4) 173-195
tectonics 93(1) 105-117
Tanzania, metamorphism 74(4) 195-202
Texas, metamorphism 94(1-2) 73-99
United States, tectonophysics 65(1-4) 71-94
Utah, stratigraphy 87(1-2) 1-18
Western Australia
geochemistry 54(2-4) 211-229; 54(2-4) 231-256; 83(1-3) 109-132
geochronology 71(1-4) 301-314
petrology 60(1-4) 117-149
plate tectonics 88(1-4) 143-171
Wyoming, petrology 89(3-4) 145-173
Zimbabwe
deformation 70(3-4) 191-213
geochemistry 55(1-4) 451-467

Smaland
geochronology 77(1-2) 91-103

Sn *see* tin

Snow Lake Manitoba
structural geology 80(1-2) 107-124

Snowbird Zone
geochronology 61(1-2) 27-50

Snymandsdrift shear zone
structural geology 55(1-4) 123-153

Socorro-Guaxupe Nappe
structural geology 97(1-2) 3-26

sodium
Ontario, petrology 84(1-2) 17-36
sea water 52(3-4) 337-345

soft sediment deformation *see also* boudinage
India, Proterozoic 84(1-2) 63-81
Precambrian 70(1-2) 168
Western Australia, Archean 65(1-4) 297-317

soils *see also* geomorphology; Paleosols; pedogenesis; weathering
tectonophysics 91(1-2) 5-13

sole faults *see* detachment faults

Solomon Sea
tectonophysics 65(1-4) 183-205

Son Valley
stratigraphy 79(3-4) 307-325

sorosilicates *see* epidote group

South Africa *see also* Barberton greenstone belt; Fig Tree Series; Kaapvaal Craton; Karroo Supergroup; Limpopo Belt; Onverwacht Group; Pretoria Group; Swaziland Sequence; Transvaal Supergroup; Ventersdorp Supergroup; Witwatersrand Supergroup
Archean
Barberton Mountain Land 54(2-4) 271-293
Bushveld Complex 55(1-4) 17-31
Transvaal region 54(2-4) 271-293; 55(1-4) 17-31; 79(1-2) 25-35
Vredefort Dome 97(3-4) 191-214
Witwatersrand 97(3-4) 191-214
crust 63(1-2) 143-162
faults 90(1-2) 1-28
geochemistry 91(3-4) 253-267
Barberton Mountain Land 74(1-2) 1-33
Cape Province region 72(1-2) 109-145
Transvaal region 74(1-2) 1-33; 78(4) 273-287; 79(1-2) 57-71; 79(1-2) 171-194
geochronology
Barberton Mountain Land 57(1-2) 91-119
Kimberley South Africa 95(3-4) 225-243
KwaZulu-Natal South Africa 62(1-2) 83-101
Transvaal region 57(1-2) 91-119
gold ores
Transvaal region 79(1-2) 125-140
Witwatersrand 95(3-4) 167-185
magmas
Bushveld Complex 82(1-2) 113-132
Transvaal region 82(1-2) 113-132
Vredefort Dome 82(1-2) 113-132
metal ores
Bushveld Complex 79(1-2) 141-169
KwaZulu-Natal South Africa 59(1-2) 43-71; 77(3-4) 243-271
Transvaal region 61(3-4) 279-293; 79(1-2) 141-169
Witwatersrand 61(3-4) 279-293; 91(1-2) 65-90
paleobotany 75(1-2) 65-90
paleomagnetism
Bushveld Complex 69(1-4) 229-240
Transvaal region 69(1-4) 229-240
petrology 63(1-2) 27-41; 70(3-4) 303-335
Bushveld Complex 52(1-2) 115-132
Transvaal region 52(1-2) 115-132
plate tectonics, KwaZulu-Natal South Africa 86(1-2) 71-92
stratigraphy
Bushveld Complex 97(3-4) 215-251
Transvaal region 67(1-2) 159-180
structural geology
Northern Province South Africa 96(3-4) 263-288
Transvaal region 55(1-4) 187-200; 55(1-4) 571-587
Witwatersrand 55(1-4) 187-200; 55(1-4) 571-587
tectonics 55(1-4) 111-122
tectonophysics, Cape fold belt 97(3-4) 303-323
volcanism, Cape Province region 61(1-2) 117-136

South America *see also* Andes; Bolivia; Brazil; Chile; French Guiana; Guyana; Uruguay; Venezuela
petrology, Amazon Basin 95(1-2) 9-39; 95(1-2) 41-67
plate tectonics
Amazon Basin 76(3-4) 213-227
Rio de la Plata 53(1-2) 23-40
structural geology
Guyana Shield 92(2) 165-194
Parana Basin 98(1-2) 31-51
tectonics, Guyana Shield 85(1-2) 1-25
tectonophysics, Guyana Shield 69(1-4) 199-227

South Australia *see also* Officer Basin; Willyama Complex
Archean, Gawler Craton 97(3-4) 269-302
areal geology 78(4) 298-299
Cambrian
Adelaide Geosyncline 100(1-3) 21-63; 100(1-3) 65-95
Flinders Range 73(1-4) 51-70
magmas, Gawler Craton 79(3-4) 371-394
metal ores 79(3-4) 281-305
Proterozoic 71(1-4) 155-181
Adelaide Geosyncline 92(1) 65-87; 100(1-3) 181-211; 100(1-3) 281-298
Gawler Craton 94(3-4) 205-224
stratigraphy
Adelaide Geosyncline 73(1-4) 3-26; 87(3-4) 135-159; 100(1-3) 97-108; 100(1-3) 109-120; 100(1-3) 121-150; 100(1-3) 151-179; 100(1-3) 299-312
Flinders Range 73(1-4) 3-26; 100(1-3) 109-120

South Badakhshan Block
petrology 98(3-4) 223-241

South Carpathians *see* Transylvanian Alps

South China Block
geochronology 97(1-2) 43-57
paleomagnetism 94(1-2) 1-10
plate tectonics 76(1-2) 67-76
stratigraphy 85(3-4) 173-199

South Dakota *see* Black Hills; Wyoming Province

South Daltons Pluton
petrology 60(1-4) 117-149

Proterozoic 60(1-4) 69-98
South Korea *see* Ogcheon Belt
South Mountain
geochronology 99(1-2) 113-146
South Mountain Anticlinorium
geochronology 99(1-2) 113-146
South-West Africa *see* Namibia
Southern Africa *see* Barberton greenstone belt; Botswana; Kaapvaal Craton; Namaqualand; Namibia; Orange River; South Africa; Swaziland
Southern Carpathians *see* Transylvanian Alps
Southern Europe *see* Iberian Peninsula; Moesian Platform; Romania
Southern Rhodesia *see* Zimbabwe
Soutpansberg Graben
structural geology 96(3-4) 263-288
Sovajarvi Formation
Proterozoic 82(3-4) 311-348
Spain
geochemistry 84(3-4) 163-180
petrology 53(3-4) 267-279
structural geology, Iberian Mountains 56(1-2) 113-137
Spanish Guinea *see* Equatorial Guinea
Spanish Morocco *see* Morocco
specularite
India, stratigraphy 80(3-4) 193-204
sphene *see* titanite
spherulites
China, paleobotany 96(3-4) 183-208
spilitization
metal ores 58(1-4) 387-400
Spitsbergen
Cambrian 73(1-4) 217-233
carbonates 53(3-4) 281-299
petrology
Nordaustlandet 70(3-4) 215-234
Ny Friesland 70(3-4) 215-234
Proterozoic 100(1-3) 181-211; 100(1-3) 281-298
stratigraphy 53(3-4) 165-197
Spitsbergen Island *see* Ny Friesland
Spongiae *see* Porifera
spontaneous fission-track dating *see* fission-track dating
spreading-floor hypothesis *see* sea-floor spreading
Sr *see* strontium
Sr-87/Sr-86
Arabian Peninsula, petrology 86(1-2) 45-58
Australia, geochemistry 63(3-4) 225-246
Brazil
diagenesis 70(3-4) 253-268
geochemistry 89(1-2) 87-100
magmas 62(3) 323-342
petrology 80(3-4) 217-238; 93(2-3) 153-180
Proterozoic 59(3-4) 263-282
tectonophysics 82(1-2) 35-62
California, geochemistry 91(1-2) 109-142
Canada
geochemistry 63(3-4) 225-246
Proterozoic 100(1-3) 181-211; 100(1-3) 371-433
stratigraphy 73(1-4) 101-121; 100(1-3) 121-150
Canadian Shield, geochemistry 65(1-4) 115-153
China
Cambrian 93(2-3) 215-233
intrusions 56(1-2) 1-31
Proterozoic 62(1-2) 171-190
Colorado, magmas 85(1-2) 53-79
Egypt, geochemistry 80(1-2) 1-22
Estonia, geochemistry 79(3-4) 209-226
France, petrology 51(1-4) 393-427
geochemistry 51(1-4) 429-468
Greenland, tectonophysics 91(3-4) 365-381
India
deformation 65(1-4) 319-339
geochemistry 62(1-2) 127-137
Proterozoic 62(3) 227-237
Iran, geochemistry 63(3-4) 225-246
Latvia, geochemistry 79(3-4) 209-226
metal ores 61(3-4) 295-322
Mongolia, Proterozoic 100(1-3) 371-433
Montana, geochemistry 63(3-4) 225-246
Namibia
crust 63(1-2) 143-162
geochemistry 63(3-4) 225-246
Proterozoic 100(1-3) 181-211
Northwest Territories, Proterozoic 90(3-4) 187-202
Norway, intrusions 52(1-2) 97-113
Quebec, petrology 52(1-2) 71-96
Red Sea region, petrology 86(1-2) 45-58
Russian Federation, intrusions 62(4) 453-472
South Africa
crust 63(1-2) 143-162
geochemistry 91(3-4) 253-267
petrology 78(1-3) 139-150; 79(1-2) 101-123
South Australia
Proterozoic 100(1-3) 181-211; 100(1-3) 281-298
stratigraphy 100(1-3) 121-150
Sri Lanka, geochronology 66(1-4) 95-110
stratigraphy 73(1-4) 27-49; 100(1-3) 3-20
Sweden, petrology 52(3-4) 215-230
Texas, magmas 85(1-2) 53-79
Uruguay, petrology 74(3) 177-194; 93(2-3) 153-180
Western Australia
geochemistry 54(2-4) 211-229
magmas 51(1-4) 375-391
Sr/Rb *see* Rb/Sr
Sr/Sr
Antarctica, tectonics 86(1-2) 1-19
Egypt, geochemistry 80(1-2) 1-22
Labrador, magmas 82(1-2) 63-84
Newfoundland, magmas 82(1-2) 63-84
Nigeria, structural geology 87(1-2) 65-74
Northern Territory Australia, Proterozoic 71(1-4) 155-181
South Africa, structural geology 96(3-4) 263-288
South Australia, Proterozoic 71(1-4) 155-181
Tanzania, petrology 77(1-2) 105-115
Sri Lanka *see also* Highland Complex; Indian Shield
geochemistry 66(1-4) 199-220
maps 92(3) 317-318
paleomagnetism 74(4) 225-244
petrology 66(1-4) 1-409; 66(1-4) 379-392
structural geology 75(3-4) 263-277
stable isotopes *see* B-11/B-10; C-13; C-13/C-12; D/H; N-15/N-14; Nd-144/Nd-143; O-18; O-18/O-16; Pb-206/Pb-204; Pb-207/Pb-204; Pb-207/Pb-206; Pb-208/ Pb-204; Pb-208/Pb-206; S-34/S-32; Sm-147/Nd-144; Sr-87/Sr-86; U-238/Pb-206
Stanovik Block
crust 91(3-4) 333-363
intrusions 54(2-4) 195-210
petrology 62(4) 473-491
Stanovoy Shield
inclusions 62(4) 507-525
Star Lake Pluton
magmas 70(1-2) 145-164
steranes
Oman, energy sources 54(1) 1-14
stereochemistry *see* crystal chemistry
Stirling Range Formation
stratigraphy 67(1-2) 1-10
Stockholm Sweden
plate tectonics 67(1-2) 141-158
stocks
Canadian Shield
faults 68(3-4) 201-230
geochemistry 76(3-4) 155-190
Northwest Territories, Archean 94(3-4) 175-204
Quebec, geochemistry 52(1-2) 37-51
stockwork deposits
Arabian Peninsula, metal ores 58(1-4) 169-194
Gabon, gold ores 77(3-4) 143-159

metal ores 58(1-4) 241-287
Stora Le-Marstrand Formation
Proterozoic 87(3-4) 117-135
tectonophysics 92(3) 297-315
strain-slip cleavage *see* slip cleavage
Strange Lake Complex
petrology 81(1-2) 67-82
Strangways metamorphic complex
geochronology 71(1-4) 229-250
Proterozoic 71(1-4) 315-346
structural geology 72(1-2) 43-67
Strangways Orogeny
geochronology 71(1-4) 45-68; 71(1-4) 207-227; 71(1-4) 229-250
metamorphism 83(4) 243-265
Proterozoic 71(1-4) 3-15; 71(1-4) 315-346
structural geology 72(1-2) 43-67
stratigraphic boundary
Africa, tectonophysics 69(1-4) 199-227
Canada, stratigraphy 73(1-4) 101-121
China, geochemistry 89(1-2) 77-86
Greenland, Cambrian 73(1-4) 217-233
India
geochemistry 98(1-2) 53-65
stratigraphy 97(1-2) 99-113
Namibia, Proterozoic 73(1-4) 153-171
Newfoundland, Cambrian 73(1-4) 123-136
Northern Territory Australia, Cambrian 86(1-2) 93-113
Russian Federation, stratigraphy 73(1-4) 251-270
South America, tectonophysics 69(1-4) 199-227
South Australia
Cambrian 100(1-3) 65-95
stratigraphy 100(1-3) 151-179
stratigraphy 100(1-3) 3-20
Sweden
magmas 96(3-4) 225-243
structural geology 64(1-4) 67-84
Tanzania, petrology 77(1-2) 105-115
stratigraphy *see* Archean; Cambrian; Carboniferous; Cretaceous; Devonian; Jurassic; Mesozoic; Oligocene; Ordovician; Paleocene; paleomagnetism; Paleozoic; palynomorphs; Permian; Phanerozoic; Precambrian; problematic fossils; Proterozoic; Silurian; Tertiary; Triassic
streamflow
Appalachians, Proterozoic 97(1-2) 115-134
Strelley Belt
metal ores 88(1-4) 67-82
Strelley Granite
metal ores 98(3-4) 243-270
tectonics 88(1-4) 207-231
strike-slip faults *see also* oblique-slip faults; transcurrent faults; transfer faults; transform faults
Africa
metal ores 58(1-4) 305-344
petrology 78(1-3) 105-124
Antarctica 75(3-4) 209-229
Brazil 84(3-4) 139-162; 86(3-4) 155-176
Canada 91(1-2) 91-107
Ethiopia 62(3) 307-322; 77(3-4) 179-210
geochemistry 96(1-2) 101-124
metamorphism 62(3) 271-283
Finland 64(1-4) 295-309
French Guiana 92(2) 165-194
India 91(1-2) 15-39
Malawi 62(3) 207-226
Morocco, plate tectonics 54(2-4) 295-319
Mozambique 62(3) 307-322
metamorphism 62(3) 271-283
South Africa
intrusions 55(1-4) 81-92
tectonophysics 97(3-4) 303-323
Sweden 79(3-4) 261-279
Tanzania 62(3) 207-226
Western Australia 60(1-4) 185-241; 80(1-2) 89-105; 88(1-4) 53-66; 88(1-4) 207-231; 88(1-4) 233-247; 91(1-2) 15-39
gold ores 88(1-4) 249-265
plate tectonics 88(1-4) 143-171
Zimbabwe 70(3-4) 191-213
stromatolites
Africa 67(3-4) 243-276
Arctic region, stratigraphy 53(3-4) 165-197
Brazil, stratigraphy 80(1-2) 125-152
China 56(3-4) 275-290
Cambrian 57(3-4) 243-323
paleobotany 57(1-2) 135-163; 96(3-4) 183-208
Proterozoic 84(3-4) 197-220; 94(1-2) 121-137
stratigraphy 52(1-2) 167-178
Europe, Proterozoic 82(3-4) 311-348
Gabon 65(1-4) 341-356
paleobotany 81(3-4) 197-221
Greenland, carbonates 53(3-4) 281-299
Himalayas, stratigraphy 59(3-4) 325-327
India 56(1-2) 139-157
stratigraphy 92(1) 21-35
Mauritania, carbonates 53(3-4) 281-299
Northwest Territories, Proterozoic 90(3-4) 187-202
Russian Federation, stratigraphy 73(1-4) 251-270
South Africa, paleobotany 75(1-2) 65-90
South Australia
Proterozoic 92(1) 65-87; 100(1-3) 281-298
stratigraphy 100(1-3) 109-120
Spitsbergen, stratigraphy 53(3-4) 165-197
Western Australia 60(1-4) 287-335
Proterozoic 92(1) 65-87
stratigraphy 60(1-4) 47-67
strontium
Canadian Shield, geochemistry 96(1-2) 83-99
China, Proterozoic 84(3-4) 197-220
Ethiopia, magmas 76(1-2) 3-14
India, magmas 99(3-4) 225-254
Montana, diagenesis 63(1-2) 83-96
sedimentary petrology 73(1-4) 283-289
Sr-87/Sr-86
Arabian Peninsula 86(1-2) 45-58
Australia 63(3-4) 225-246
Brazil 59(3-4) 263-282; 62(3) 323-342; 70(3-4) 253-268; 80(3-4) 217-238; 82(1-2) 35-62; 89(1-2) 87-100; 93(2-3) 153-180
California 91(1-2) 109-142
Canada 63(3-4) 225-246; 73(1-4) 101-121; 100(1-3) 121-150; 100(1-3) 181-211; 100(1-3) 371-433
Canadian Shield 65(1-4) 115-153
China 56(1-2) 1-31; 62(1-2) 171-190; 93(2-3) 215-233
Colorado 85(1-2) 53-79
Egypt 80(1-2) 1-22
Estonia 79(3-4) 209-226
France 51(1-4) 393-427
geochemistry 51(1-4) 429-468
Greenland 91(3-4) 365-381
India 62(1-2) 127-137; 62(3) 227-237; 65(1-4) 319-339
Iran 63(3-4) 225-246
Latvia 79(3-4) 209-226
metal ores 61(3-4) 295-322
Mongolia 100(1-3) 371-433
Montana 63(3-4) 225-246
Namibia 63(1-2) 143-162; 63(3-4) 225-246; 100(1-3) 181-211
Northwest Territories 90(3-4) 187-202
Norway 52(1-2) 97-113
Quebec 52(1-2) 71-96
Red Sea region 86(1-2) 45-58
Russian Federation 62(4) 453-472
South Africa 63(1-2) 143-162; 78(1-3) 139-150; 79(1-2) 101-123; 91(3-4) 253-267
South Australia 100(1-3) 121-150; 100(1-3) 181-211; 100(1-3) 281-298
Sri Lanka 66(1-4) 95-110
stratigraphy 73(1-4) 27-49; 100(1-3) 3-20
Sweden 52(3-4) 215-230
Texas 85(1-2) 53-79
Uruguay 74(3) 177-194; 93(2-3) 153-180

Western Australia 51(1-4) 375-391; 54(2-4) 211-229
Swaziland, magmas 61(1-2) 89-116
structural analysis *see also* brittle deformation; cleavage; deformation; faults; folds; foliation; lineation; preferred orientation; schistosity; shear zones; transpression
India, geochemistry 67(3-4) 181-206
structural basins *see* basins
structural geology *see* deformation; faults; folds; foliation; fractures; isostasy; lineation; neotectonics; orogeny; salt tectonics; tectonics
structural traps
China, natural gas 54(1) 45-63
Sturtian
paleomagnetism 100(1-3) 359-370
stratigraphy 100(1-3) 151-179
subduction *see also* obduction
Africa
sedimentary petrology 67(3-4) 243-276
tectonophysics 69(1-4) 199-227
Arabian Peninsula, tectonophysics 53(1-2) 119-147
Brazil
magmas 62(3) 323-342
petrology 51(1-4) 351-374
California, geochemistry 91(1-2) 109-142
Canada
orogeny 86(3-4) 117-154
structural geology 91(1-2) 91-107
Canadian Shield
geochemistry 76(3-4) 155-190
plate tectonics 63(3-4) 211-223; 63(3-4) 325-347
Finland
isostasy 86(1-2) 21-44
tectonophysics 82(1-2) 13-34
Ghana, geochronology 67(1-2) 89-107
India
geochemistry 67(1-2) 11-35
tectonophysics 99(3-4) 149-169
Labrador, magmas 82(1-2) 63-84
Morocco
petrology 53(1-2) 79-97
plate tectonics 54(2-4) 295-319
Namibia, crust 63(1-2) 143-162
New South Wales Australia, geochronology 71(1-4) 251-263
Newfoundland, magmas 82(1-2) 63-84
Northern Territory Australia
geochronology 71(1-4) 17-43; 71(1-4) 301-314
igneous rocks 56(3-4) 227-253
Proterozoic 71(1-4) 265-299
tectonophysics 65(1-4) 71-94
Norway
geochemistry 82(3-4) 287-309
intrusions 53(3-4) 233-242
tectonophysics 64(1-4) 403-417
Nova Scotia, magmas 76(1-2) 93-113
orogeny 55(1-4) 507-524
Quebec, geochemistry 52(1-2) 37-51
South Africa
crust 63(1-2) 143-162
geochemistry 54(2-4) 231-256
metal ores 91(1-2) 65-90
tectonophysics 97(3-4) 303-323
South America, tectonophysics 69(1-4) 199-227
Sweden
geochemistry 82(3-4) 287-309
isostasy 86(1-2) 21-44
orogeny 64(1-4) 225-238
Proterozoic 64(1-4) 361-388
tectonophysics 91(1-2) 5-13
United States, tectonophysics 65(1-4) 71-94
Western Australia
geochemistry 54(2-4) 231-256
geochronology 71(1-4) 301-314
igneous rocks 56(3-4) 227-253
metal ores 98(3-4) 243-270
petrology 51(1-4) 51-83
plate tectonics 88(1-4) 143-171
structural geology 83(1-3) 83-107
subduction zones *see also* back-arc basins
Brazil 98(1-2) 31-51
Canadian Shield, geochemistry 67(3-4) 207-241
Ethiopia, geochemistry 96(1-2) 101-124
France, petrology 51(1-4) 393-427
Malawi, petrology 85(1-2) 27-51
Sweden
geochemistry 64(1-4) 239-252
petrology 52(3-4) 215-230
submarine canyons
South Africa, Archean 97(3-4) 191-214
succession
Africa, stratigraphy 73(1-4) 137-151
China, paleobotany 73(1-4) 291-298
Greenland, Cambrian 73(1-4) 217-233
Norway, stratigraphy 73(1-4) 197-216
Russian Federation, stratigraphy 73(1-4) 251-270
South Australia, stratigraphy 73(1-4) 3-26
stratigraphy 73(1-4) 27-49
Sudan *see* Red Sea Hills
Sudbury Irruptive
folds 85(3-4) 117-146
metal ores 58(1-4) 99-119
Sudbury Structure
deformation 93(1) 51-70
geochemistry 82(3-4) 265-285
petrology 84(1-2) 17-36
Sukhaya Tunguska Formation
Protista 85(3-4) 201-239
sulfates *see also* anhydrite; barite
Australia, geochemistry 63(3-4) 225-246
British Columbia, Proterozoic 73(1-4) 71-99
Canada, geochemistry 63(3-4) 225-246
Iran, geochemistry 63(3-4) 225-246
Montana, geochemistry 63(3-4) 225-246
Namibia, geochemistry 63(3-4) 225-246
sulfides *see also* galena; iron sulfides; massive sulfide deposits; pyrite
Australia, Archean 79(1-2) 25-35
Ontario, geochemistry 52(3-4) 347-380
South Africa, Archean 79(1-2) 25-35
South Australia, metal ores 79(3-4) 281-305
sulfur
Michigan, geochemistry 54(1) 65-79
Northern Territory Australia, energy sources 54(1) 81-108
S-34/S-32
Australia 63(3-4) 225-246
Brazil 89(1-2) 87-100
British Columbia 73(1-4) 71-99
Canada 63(3-4) 225-246; 100(1-3) 371-433
China 89(1-2) 77-86; 97(1-2) 59-75
Iran 63(3-4) 225-246
metal ores 61(3-4) 295-322
Minnesota 54(2-4) 131-151
Mongolia 100(1-3) 371-433
Montana 63(3-4) 225-246
Namibia 63(3-4) 225-246
Ontario 52(3-4) 347-380; 54(2-4) 131-151
South Africa 79(1-2) 57-71; 79(1-2) 141-169; 96(3-4) 209-224
South Australia 79(3-4) 281-305; 100(1-3) 151-179
Wisconsin, geochemistry 54(1) 65-79
sulphates *see* sulfates
sulphides *see* sulfides
Sunnyside shear zone
structural geology 55(1-4) 553-570
Suomenniemi Batholith
tectonophysics 64(1-4) 273-288
supercontinents
Canada, tectonophysics 82(1-2) 174-175
China, paleomagnetism 94(1-2) 1-10
Greenland, tectonophysics 82(1-2) 174-175
India
plate tectonics 82(1-2) 173-175; 85(3-4) 241-242
tectonophysics 82(3-4) 350-351
tectonophysics 81(1-2) 152-154; 82(3-4) 351-352; 84(1-2) 113-115
Western Australia, paleomagnetism 100(1-3) 335-357

supergene processes
Western Australia, metal ores 58(1-4) 345-354
superimposed metamorphism *see* polymetamorphism
Superior Proto-craton
geochemistry 65(1-4) 115-153
Superior Province *see also* Abitibi Belt; Kapuskasing Zone; Michipicoten Belt; Pontiac Subprovince; Quetico Belt; Wabigoon Belt; Wawa Belt
Archean 92(3) 277-295; 97(1-2) 77-97
geochemistry 52(1-2) 53-69; 65(1-4) 115-153; 81(1-2) 3-14; 92(2) 89-116; 92(4) 365-387; 93(4) 257-279; 96(1-2) 83-99
geochronology 67(1-2) 89-107
gold ores 84(1-2) 83-103
lava 89(1-2) 59-76
magmas 51(1-4) 27-50
metal ores 58(1-4) 25-54
petrology 83(1-3) 1-10
plate tectonics 63(3-4) 325-347
stratigraphy 69(1-4) 1-10; 86(3-4) 201-223
structural geology 93(1) 27-49
tectonics 90(1-2) 85-101
surveys *see* geophysical surveys
suspect terranes *see* terranes
Sutherland greenstone belt
intrusions 55(1-4) 81-92
structural geology 55(1-4) 93-110
tectonics 55(1-4) 69-80; 55(1-4) 111-122
suture zones
Africa
paleomagnetism 74(4) 225-244
tectonophysics 69(1-4) 199-227
Antarctica
orogeny 75(3-4) 231-250
paleomagnetism 74(4) 225-244
Arabian Peninsula
metal ores 58(1-4) 169-194
tectonophysics 53(1-2) 119-147
Ghana, foliation 82(1-2) 153-171
India, tectonophysics 99(3-4) 149-169
Morocco, plate tectonics 54(2-4) 295-319
Ontario, plate tectonics 91(3-4) 433-444
plate tectonics 82(1-2) 101-112
Saskatchewan, tectonophysics 69(1-4) 11-24
South Africa, petrology 87(1-2) 87-115
South America, tectonophysics 69(1-4) 199-227
Togo, foliation 82(1-2) 153-171
Western Australia, structural geology 90(3-4) 141-158
Zimbabwe
deformation 70(3-4) 191-213
petrology 87(1-2) 87-115
Svalbard *see also* Spitsbergen
sedimentary petrology 61(3-4) 181-190
Svecofennian
Europe 51(1-4) 127-149
Finland 64(1-4) 85-108; 64(1-4) 295-309; 74(4) 245-252; 82(1-2) 13-34
Russian Federation 64(1-4) 85-108; 74(4) 245-252
Sweden 51(1-4) 151-159; 58(1-4) 143-167; 64(1-4) 225-238; 64(1-4) 319-335; 69(1-4) 61-79; 75(1-2) 17-29; 77(1-2) 91-103; 82(1-2) 1-12; 82(1-2) 85-99; 95(1-2) 147-166
Svecofennian Orogeny
Europe
paleomagnetism 69(1-4) 25-50
plate tectonics 64(1-4) 207-223
Finland, isostasy 86(1-2) 21-44
Norway 57(3-4) 195-206
Sweden
isostasy 86(1-2) 21-44
magmas 96(3-4) 225-243
petrology 52(3-4) 231-243
structural geology 72(3-4) 199-225
Svecofennides
petrology 59(3-4) 171-205
structural geology 64(1-4) 295-309
Svecokarelian Orogeny *see* Svecofennian Orogeny
Sveconorwegian Orogeny
Norway 57(3-4) 195-206; 64(1-4) 389-402; 87(3-4) 117-135; 90(3-4) 159-185
cobalt ores 91(3-4) 419-432
geochemistry 82(3-4) 287-309
petrology 53(3-4) 305, 97-113; 64(1-4) 347-360
tectonophysics 64(1-4) 403-417
Russian Federation, plate tectonics 64(1-4) 3-21
Sweden 64(1-4) 361-388; 79(3-4) 227-237; 79(3-4) 239-259; 87(3-4) 117-135
deformation 78(4) 289-291; 78(4) 293-295
geochemistry 82(3-4) 287-309
petrology 64(1-4) 347-360
structural geology 70(1-2) 67-91; 79(3-4) 261-279; 94(1-2) 29-48; 98(1-2) 151-171; 98(3-4) 173-195
Sverdrupfjella
orogeny 75(3-4) 231-250
structural geology 75(3-4) 209-229
Swartland Terrane
tectonophysics 97(3-4) 303-323
Swaziland *see also* Barberton greenstone belt
magmas 61(1-2) 89-116
Swaziland Sequence
sedimentary petrology 68(3-4) 257-290
Sweden *see also* Baltic Shield; Sveconorwegian Orogeny
crust, Gotland Sweden 64(1-4) 311-317
geochemistry
Bergslagen 64(1-4) 319-335
Skellefte mining district 64(1-4) 239-252
geochronology
Smaland 77(1-2) 91-103
Varmland Sweden 77(1-2) 91-103
iron ores, Bergslagen 54(2-4) 109-130
isostasy, Skellefte mining district 86(1-2) 21-44
lead ores, Skellefte mining district 81(1-2) 83-99
magmas
Bergslagen 52(3-4) 187-214
Skellefte mining district 96(3-4) 225-243
metal ores 82(1-2) 1-12
Skellefte mining district 58(1-4) 143-167
petrology 51(1-4) 151-159
Bergslagen 52(3-4) 215-230; 52(3-4) 231-243
plate tectonics 92(1) 1-20
Skellefte mining district 67(1-2) 141-158
Stockholm Sweden 67(1-2) 141-158
Proterozoic 92(4) 319-339
Skane 64(1-4) 361-388
structural geology 64(1-4) 67-84
Halland Sweden 98(1-2) 151-171
Kiruna Sweden 72(3-4) 199-225
Varmland Sweden 79(3-4) 261-279
tectonics 93(1) 105-117
tectonophysics, Skellefte mining district 69(1-4) 61-79
syenites *see also* alkali syenites; monzonites; quartz syenite
Brazil 87(1-2) 19-32
California 70(1-2) 1-24
Colorado 98(3-4) 271-305
Greenland, stratigraphy 69(1-4) 51-60
India 65(1-4) 167-181
stratigraphy 69(1-4) 157-167
Quebec 79(3-4) 327-346
foliation 68(3-4) 183-200
geochemistry 52(1-2) 37-51
Western Australia, geochemistry 83(1-3) 109-132
syenodiorite
Quebec, foliation 68(3-4) 183-200
symposia
Antarctica, tectonics 75(3-4) 119-277
Himalayas, stratigraphy 59(3-4) 325-327
India, petrology 70(1-2) 167-168
metal ores 58(1-4) 1-446; 61(3-4) 169-322

petrology 51(1-4) 1-468
Precambrian 91(1-2) 1-226
South Africa, petrology 55(1-4) 1-587
Sri Lanka, petrology 66(1-4) 1-409
structural geology 93(1) 1-137
Zimbabwe, petrology 55(1-4) 1-587
synclines
Brazil 65(1-4) 25-54
Western Australia 88(1-4) 83-108
Proterozoic 99(1-2) 33-64
synclinoria
India, geochemistry 67(3-4) 181-206
Western Australia 88(1-4) 83-108
Synechococcus
Invertebrata 96(1-2) 25-39
synform folds
Brazil 86(3-4) 155-176
India, geochemistry 67(3-4) 181-206
Northern Territory Australia 72(1-2) 43-67
Russian Federation, tectonophysics 82(1-2) 133-151
South Africa, petrology 52(1-2) 115-132
Sri Lanka 66(1-4) 59-76
syngenesis
Arabian Peninsula, metal ores 58(1-4) 169-194
South Dakota, metal ores 58(1-4) 85-97
Sweden
lead ores 81(1-2) 83-99
metal ores 82(1-2) 1-12
Wyoming, metal ores 58(1-4) 85-97
Szechwan Basin *see* Sichuan Basin
Ta *see* tantalum
Taihang Mountains
intrusions 56(1-2) 1-31
Tal Formation
stratigraphy 97(1-2) 99-113
Talga Talga Subgroup
structural geology 88(1-4) 53-66
Talimu Basin *see* Tarim Basin
talus fan *see* alluvial fans
Tamil Nadu India
petrology 65(1-4) 167-181; 91(1-2) 41-63
stratigraphy 76(1-2) 31-46
Tampere schist belt
tectonophysics 64(1-4) 85-108; 82(1-2) 13-34
tangential tectonics *see* compression tectonics
tangential wave *see* S-waves
tantalates *see* niobotantalates
tantalite
Sweden, plate tectonics 67(1-2) 141-158
tantalum
Norway, intrusions 53(3-4) 233-242
petrology 51(1-4) 161-172
Sweden, petrology 82(1-2) 85-99
tantalum ores
Arabian Peninsula 58(1-4) 169-194
Tanzania *see also* Mozambique Belt
paleomagnetism 74(4) 225-244
petrology 77(1-2) 105-115
structural geology 62(3) 207-226; 93(1) 119-137
Tanzanian Craton
Archean 97(3-4) 269-302
stratigraphy 69(1-4) 113-131
Taoudenni
tectonophysics 69(1-4) 307-326
Tarim Basin
paleomagnetism 70(1-2) 113-143
Tarkwaian
geochronology 67(1-2) 89-107
sedimentary petrology 80(3-4) 153-172
Tartoq Group
gold ores 62(1-2) 61-82
Tasiuyak Gneiss
structural geology 81(1-2) 15-35; 91(1-2) 91-107
Tasmania Australia
stratigraphy 100(1-3) 299-312
Tasmanites
Greenland 96(1-2) 1-23
Northwest Territories 96(1-2) 1-23
Tasmanites rifejicus
paleobotany 96(1-2) 1-23
Tasmiyele Group
Archean 78(4) 197-210
Tawuia
paleobotany 65(1-4) 95-114
Teapot granite complex
geochronology 71(1-4) 301-314
Proterozoic 71(1-4) 3-15
tectogenesis *see* orogeny
tectonic imbrication *see* imbricate tectonics
tectonic lines *see* lineaments
tectonic sutures *see* suture zones
tectonics *see also* accretionary wedges; back-arc basins; basins; Brazilian Cycle; breccia; brittle deformation; Cadomian Orogeny; continental drift; continental margin; crust; crustal shortening; crustal thinning; decollement; deformation; faults; fold and thrust belts; folds; foliation; forè-arc basins; foreland basins; gravity sliding; isostasy; lineaments; lineation; metamorphic core complexes; miogeosynclines; mobile belts; nappes; neotectonics; oroclines; orogenic belts; orogeny; Pan-African Orogeny; plate tectonics; pull-apart basins; Ross Orogeny; salt tectonics; shear zones; structural analysis; suture zones; terranes; thrust sheets; transpression; uplifts
Africa, petrology 96(1-2) 141-142
Antarctica 75(3-4) 119-277; 75(3-4) 121-139; 86(1-2) 1-19
basement tectonics
Africa 61(1-2) 67-88
Brazil 79(3-4) 347-361; 99(3-4) 255-269
Labrador 99(1-2) 65-90
Newfoundland 99(1-2) 65-90
Ontario 93(1) 51-70
Western Australia 83(1-3) 185-201
Canada 90(1-2) 85-101
Canadian Shield, geochemistry 92(2) 89-116
compression tectonics
Antarctica 65(1-4) 277-295
Brazil 65(1-4) 25-54; 68(1-2) 139-167
Canada 86(3-4) 117-154
Canadian Shield 63(3-4) 325-347; 68(3-4) 291-306; 84(1-2) 83-103; 92(3) 277-295
Central African Republic 68(1-2) 97-113
India 66(1-4) 379-392; 72(3-4) 283-299; 99(1-2) 91-111
Ivory Coast 65(1-4) 207-229
Manitoba 72(1-2) 147-167
Namibia 63(1-2) 143-162; 90(1-2) 1-28
Northern Territory Australia 71(1-4) 69-89; 72(1-2) 43-67
Ontario 59(1-2) 73-94; 85(3-4) 117-146
Quebec 61(1-2) 51-66; 68(3-4) 183-200
Russian Federation 58(1-4) 289-303
Saskatchewan 72(1-2) 147-167
South Africa 63(1-2) 143-162; 90(1-2) 1-28
Spain 56(1-2) 113-137
Sri Lanka 66(1-4) 379-392
Sweden 64(1-4) 67-84; 64(1-4) 225-238; 64(1-4) 239-252; 64(1-4) 361-388; 70(1-2) 67-91; 75(1-2) 17-29; 95(1-2) 147-166
Ukraine 58(1-4) 289-303
Western Australia 83(1-3) 11-42; 83(1-3) 57-81; 83(1-3) 83-107; 88(1-4) 25-52; 88(1-4) 83-108; 95(3-4) 275, 277-302
extension tectonics 55(1-4) 507-524
Africa 69(1-4) 199-227
Antarctica 65(1-4) 277-295
Australia 69(1-4) 293-306
Benin 82(3-4) 191-209
Brazil 51(1-4) 351-374; 52(3-4) 321-335; 65(1-4) 25-54; 76(3-4) 213-227; 77(1-2) 1-15; 79(3-4) 347-361; 80(3-4) 217-238; 87(1-2) 19-32; 90(1-2) 29-58
Canada 86(3-4) 117-154
Canadian Shield 63(3-4) 325-347; 67(3-4) 207-241
China 67(1-2) 37-57

Colorado 85(1-2) 53-79
Finland 64(1-4) 253-271; 70(1-2) 45-65; 86(1-2) 21-44
India 58(1-4) 71-83; 66(1-4) 379-392
Labrador 68(3-4) 357-374
Manitoba 72(1-2) 147-167
Namibia 90(1-2) 1-28
Newfoundland 68(3-4) 357-374
Northern Territory Australia 71(1-4) 91-105
Norway 64(1-4) 347-360
Ontario 77(1-2) 41-57; 85(3-4) 117-146; 89(1-2) 25-45
petrology 82(3-4) 237-263
Quebec 68(3-4) 183-200
Queensland Australia 71(1-4) 131-153
Russian Federation 82(1-2) 133-151
Saskatchewan 72(1-2) 147-167
South Africa 90(1-2) 1-28
South America 69(1-4) 199-227
Sri Lanka 66(1-4) 379-392
Sweden 64(1-4) 239-252; 64(1-4) 347-360; 79(3-4) 239-259; 86(1-2) 21-44; 95(1-2) 147-166
Tanzania 93(1) 119-137
Texas 85(1-2) 53-79
Western Australia 60(1-4) 185-241; 62(3) 343-365; 68(1-2) 43-64; 75(1-2) 47-63; 78(1-3) 179-196; 80(1-2) 89-105; 83(1-3) 11-42; 83(1-3) 57-81; 83(1-3) 83-107; 83(1-3) 203-219; 88(1-4) 3-23; 88(1-4) 53-66; 98(3-4) 243-270
Finland, petrology 59(3-4) 171-205
Greenland, petrology 81(1-2) 67-82
Himalayas 74(1-2) 35-55
imbricate tectonics
Canadian Shield 92(3) 277-295
Finland 64(1-4) 295-309
Ghana 82(1-2) 153-171
Greenland 93(1) 71-85
Northwest Territories 93(1) 27-49
Quebec 68(3-4) 183-200; 93(1) 27-49
South Africa 52(1-2) 133-166; 55(1-4) 123-153; 55(1-4) 525-538; 79(1-2) 141-169
Sri Lanka 66(1-4) 21-37
Sweden 72(3-4) 199-225; 79(3-4) 261-279
Togo 82(1-2) 153-171
India
geochemistry 76(1-2) 115-116; 76(1-2) 117-118
geochronology 59(1-2) 145-170; 68(1-2) 169-173; 68(1-2) 175-178
Ivory Coast 86(3-4) 177-199
Korea, volcanism 89(1-2) 47-57
Labrador, petrology 81(1-2) 67-82
Newfoundland
geochemistry 59(3-4) 243-262
petrology 81(1-2) 67-82
Northwest Territories 52(1-2) 1-35
Norway, intrusions 53(3-4) 233-242
Quebec, petrology 79(3-4) 327-346
Saskatchewan, geochronology 61(1-2) 27-50
South Africa 55(1-4) 111-122; 55(1-4) 169-172
petrology 79(1-2) 101-123
Sri Lanka, petrology 66(1-4) 3-18
Sweden, magmas 52(3-4) 187-214
thick-skinned tectonics, Northern Territory Australia 71(1-4) 315-346
Venezuela 85(1-2) 1-25
Western Australia 88(1-4) 109-142
metal ores 88(1-4) 1-2
petrology 83(1-3) 1-219
stratigraphy 60(1-4) 1-45
Yukon Territory 52(1-2) 1-35
Zimbabwe 55(1-4) 169-172

tectonite
Tanzania, structural geology 93(1) 119-137

tectonophysics *see* continental drift; crust; heat flow; isostasy; mantle; Mohorovicic discontinuity; paleomagnetism; plate tectonics; sea-floor spreading
tectonostratigraphic terranes *see* terranes
Teisseyre-Tornquist Zone *see* Tornquist-Teisseyre Zone
Telemark Norway *see* Bamble Norway

Telfer Australia
magmas 51(1-4) 375-391

temperature methods *see* heat flow

Tennant Creek Granite
Proterozoic 71(1-4) 107-129

tephra *see* pyroclastics

Terra Nova Pluton
magmas 62(3) 323-342

terranes *see also* greenstone belts
Africa, metal ores 58(1-4) 305-344
Antarctic Ocean, metamorphism 89(3-4) 175-205
Appalachians, geochronology 99(1-2) 113-146
Arabian Peninsula, metal ores 58(1-4) 169-194
Atlantic region, plate tectonics 69(1-4) 169-191
Australia, plate tectonics 69(1-4) 293-306
Brazil, tectonophysics 53(1-2) 1-22
Canada
metal ores 58(1-4) 355-386
orogeny 86(3-4) 117-154
petrology 83(1-3) 1-10
Canadian Shield, geochemistry 65(1-4) 115-153; 67(3-4) 207-241
China, tectonics 78(1-3) 95-103
Colorado, Cretaceous 63(1-2) 97-122
Denmark, tectonophysics 64(1-4) 419-430
Ethiopia, geochemistry 96(1-2) 101-124
Europe, petrology 74(1-2) 57-72
France, petrology 51(1-4) 393-427
Germany, structural geology 73(1-4) 235-250
Ghana, tectonophysics 56(1-2) 97-111
Greenland
faults 68(1-2) 65-79
petrology 63(3-4) 293-323
structural geology 72(3-4) 301-315
India
plate tectonics 70(3-4) 269-280
tectonophysics 80(1-2) 77-87
Labrador
petrology 51(1-4) 315-336; 63(3-4) 293-323
Proterozoic 99(1-2) 65-90
Montana, tectonics 55(1-4) 155-168
Morocco
petrology 53(1-2) 79-97
plate tectonics 54(2-4) 295-319
New England, structural geology 53(1-2) 41-78
New Mexico, Cretaceous 63(1-2) 97-122
Newfoundland
petrology 51(1-4) 315-336; 63(3-4) 293-323
Proterozoic 99(1-2) 65-90
Niger, folds 67(1-2) 59-88
Northern Territory Australia
metamorphism 71(1-4) 183-205
Proterozoic 71(1-4) 3-15; 71(1-4) 155-181
Norway, geochronology 90(3-4) 159-185
Ontario
deformation 93(1) 51-70
geochemistry 52(1-2) 53-69
plate tectonics 91(3-4) 433-444
tectonophysics 91(3-4) 445-454
orogeny 55(1-4) 507-524
Quebec, deformation 92(2) 145-164
Saskatchewan, tectonophysics 69(1-4) 11-24
South Africa
metal ores 77(3-4) 243-271
metamorphism 55(1-4) 1-5
phase equilibria 55(1-4) 201-207
structural geology 55(1-4) 51-67; 55(1-4) 173-186; 55(1-4) 187-200; 55(1-4) 525-538; 55(1-4) 539-552; 55(1-4) 553-570; 96(3-4) 263-288
tectonics 55(1-4) 69-80
tectonophysics 97(3-4) 303-323
South Australia, Proterozoic 71(1-4) 155-181
Spain, structural geology 56(1-2) 113-137

Sri Lanka
geochronology 66(1-4) 111-121
petrology 66(1-4) 1-409
plate tectonics 70(3-4) 269-280
structural geology 66(1-4) 59-76
tectonophysics 80(1-2) 77-87
Sweden
geochronology 77(1-2) 91-103
magmas 96(3-4) 225-243
metamorphism 76(1-2) 15-30
structural geology 75(1-2) 17-29; 98(3-4) 173-195
tectonics 93(1) 105-117
United Kingdom, faults 68(1-2) 65-79
United States, metal ores 58(1-4) 355-386
Virginia, petrology 59(1-2) 33-42
Western Australia
Archean 52(3-4) 275-300
folds 83(1-3) 43-56
geochemistry 54(2-4) 211-229; 83(1-3) 133-183
magmas 51(1-4) 375-391
petrology 68(3-4) 307-321; 83(1-3) 1-10
Proterozoic 71(1-4) 3-15
structural geology 68(1-2) 43-64; 83(1-3) 11-42; 83(1-3) 57-81; 83(1-3) 185-201; 88(1-4) 173-205; 94(1-2) 11-28
Wyoming, tectonics 55(1-4) 155-168
Zimbabwe
metamorphism 55(1-4) 1-5
petrology 55(1-4) 259-277
phase equilibria 55(1-4) 201-207
structural geology 55(1-4) 173-186; 55(1-4) 187-200; 55(1-4) 539-552; 55(1-4) 553-570
tectonics 55(1-4) 69-80
Tertiary *see also* Paleogene
Denmark 64(1-4) 337-345
Sweden 64(1-4) 337-345
Tetrapoda *see* Mammalia
Texas
magmas, Llano Uplift 85(1-2) 53-79
metamorphism 94(1-2) 73-99
petrology, Llano Uplift 94(1-2) 49-72
Th *see* thorium
Th/Th
Canada, geochemistry 81(1-2) 3-14
Th/U
Colorado, Cretaceous 63(1-2) 97-122
Greenland, tectonophysics 91(3-4) 365-381
India, base metals 99(3-4) 171-178
New Mexico, Cretaceous 63(1-2) 97-122
Northern Territory Australia, Proterozoic 71(1-4) 107-129
thallophytes
Brazil
diagenesis 70(3-4) 253-268
stratigraphy 80(1-2) 125-152
China 57(1-2) 135-163; 65(1-4) 95-114; 73(1-4) 291-298
sedimentary petrology 56(3-4) 275-290
Colorado, metal ores 61(3-4) 231-240
Gabon 81(3-4) 197-221
India 57(1-2) 165-168; 74(1-2) 91-117
problematic fossils 72(3-4) 171-184
Proterozoic 56(3-4) 291-318
Russian Federation 65(1-4) 231-254
stratigraphy 73(1-4) 251-270
South Africa 75(1-2) 65-90
Archean 54(2-4) 271-293
Thamama Group
sedimentary petrology 61(3-4) 181-190
The Himalaya *see* Himalayas
Thelon Formation
stratigraphy 68(1-2) 115-137
Thelon Orogeny
geochronology 68(1-2) 1-21
Theria *see* Eutheria
thermal metamorphism
Korea 89(1-2) 47-57
New South Wales Australia, metal ores 90(3-4) 203-238
Saskatchewan 70(1-2) 145-164
thermal remanent magnetization *see* thermoremanent magnetization
thermal surveys *see* heat flow
thermochemical remanent magnetization
Venezuela, tectonics 85(1-2) 1-25
thermochronology
New Mexico, structural geology 84(1-2) 1-15
Saskatchewan, geochronology 95(3-4) 187-223
South Africa, plate tectonics 86(1-2) 71-92
thermometamorphism *see* thermal metamorphism
thermoremanent magnetization
Greenland, stratigraphy 54(2-4) 153-172
Venezuela, tectonics 85(1-2) 1-25
thick-skinned tectonics
Northern Territory Australia, Proterozoic 71(1-4) 315-346
tholeiite
Arizona 65(1-4) 255-276
Canadian Shield 97(1-2) 27-42
structural geology 68(3-4) 291-306
Central African Republic 68(1-2) 97-113
Ethiopia 80(3-4) 261-279
Finland 70(1-2) 45-65
India 65(1-4) 1-23
Israel 92(2) 195-213
Ontario, geochemistry 54(2-4) 173-194; 93(4) 257-279
Quebec, geochemistry 57(3-4) 207-241
Sweden 52(3-4) 187-214; 52(3-4) 215-230; 52(3-4) 231-243
tholeiitic basalt
Canadian Shield, Archean 97(1-2) 77-97
India 65(1-4) 1-23
Ontario
sedimentary petrology 68(1-2) 23-42
tectonophysics 65(1-4) 183-205
Papua New Guinea, tectonophysics 65(1-4) 183-205
Western Australia, metal ores 98(3-4) 243-270
Thomson Formation
geochemistry 54(2-4) 131-151
thorium
Canada, geochemistry 81(1-2) 3-14
Canadian Shield, geochemistry 94(3-4) 139-173
Norway, intrusions 53(3-4) 233-242
Ontario, geochemistry 82(3-4) 265-285
Sri Lanka, geochemistry 66(1-4) 223-244
thorium-uranium *see* Th/U
Three Gorges, Yangtze *see* Yangtze Three Gorges
thrust faults *see also* compression tectonics; crustal shortening; fold and thrust belts; foreland basins; imbricate tectonics; overthrust faults; reverse faults; thrust sheets
Africa
petrology 78(1-3) 105-124
plate tectonics 69(1-4) 327-344
sedimentary petrology 67(3-4) 243-276
tectonophysics 69(1-4) 199-227
Antarctica 75(3-4) 209-229; 75(3-4) 231-250
Arctic Ocean 64(1-4) 131-152
Bolivia, metamorphism 94(1-2) 73-99
Brazil 79(3-4) 347-361; 90(1-2) 29-58
Chile, metamorphism 94(1-2) 73-99
Ethiopia 52(1-2) 179-186; 62(3) 307-322
Labrador, Proterozoic 99(1-2) 65-90
Manitoba 80(1-2) 107-124
Mexico, metamorphism 94(1-2) 73-99
Morocco
plate tectonics 54(2-4) 295-319
volcanism 70(1-2) 25-44
Mozambique 62(1-2) 1-59; 62(3) 307-322
Newfoundland, Proterozoic 99(1-2) 65-90
Northern Territory Australia
geochronology 71(1-4) 229-250
Proterozoic 71(1-4) 3-15; 71(1-4) 315-346
Quebec 92(2) 145-164
Romania 80(3-4) 281-301
Russian Federation, intrusions 54(2-4) 195-210
South Africa 55(1-4) 93-110

gold ores 79(1-2) 125-140
intrusions 55(1-4) 81-92
lava 78(1-3) 125-138
South America
plate tectonics 69(1-4) 327-344
tectonophysics 69(1-4) 199-227
Sri Lanka 66(1-4) 39-57
Sweden, metamorphism 76(1-2) 15-30
Texas, metamorphism 94(1-2) 73-99
Western Australia 88(1-4) 207-231
metal ores 96(3-4) 143-181
Proterozoic 71(1-4) 3-15
Zambia, uranium ores 58(1-4) 215-240
Zimbabwe 70(3-4) 191-213
thrust sheets
Brazil, structural geology 77(1-2) 1-15; 92(3) 251-275
Northern Territory Australia, geochronology 71(1-4) 207-227
Quebec, foliation 68(3-4) 183-200
Western Australia
metal ores 58(1-4) 345-354
petrology 95(3-4) 275, 277-302
thrusts and thrusting *see* thrust faults
Thule Supergroup
paleobotany 96(1-2) 1-23
Thunder Bay District Ontario *see also* Manitouwadge Ontario
geochemistry 52(3-4) 347-380
Ti *see* titanium
Tibet China *see* Xizang China
tidal flats
India, metal ores 77(1-2) 117-130
Tiele Hills
petrology 82(3-4) 191-209
Tilden Tonalite
petrology 72(3-4) 263-281
Tilemsi Belt
geochemistry 65(1-4) 55-69
tillite
Western Australia, paleomagnetism 100(1-3) 359-370
tilloid
India, stratigraphy 79(3-4) 307-325
Timan-Pechora region
sedimentary petrology 61(3-4) 181-190
Timiskaming District Ontario *see* Kirkland Lake Ontario
Timiskaming Group
faults 68(3-4) 201-230
sedimentary petrology 68(1-2) 23-42
tin
Brazil, Proterozoic 52(3-4) 321-335
tin ores
Arabian Peninsula 58(1-4) 169-194
Russian Federation 58(1-4) 121-141
Tindouf Basin
tectonophysics 69(1-4) 307-326
titanite
Brazil
petrology 78(1-3) 151-164; 80(3-4) 217-238
Proterozoic 72(3-4) 235-245
Canada, Archean 93(1) 5-26
Canadian Shield, structural geology 68(3-4) 291-306
Ghana, gold ores 89(3-4) 129-143
Greenland
Archean 93(1) 5-26
petrology 78(1-3) 1-39
India, geochronology 94(3-4) 251-271
Ivory Coast
petrology 80(3-4) 173-191
tectonics 86(3-4) 177-199
Labrador
orogeny 80(3-4) 239-260
petrology 51(1-4) 315-336
structural geology 70(3-4) 169-190
Manitoba, structural geology 80(1-2) 107-124
Newfoundland
orogeny 80(3-4) 239-260
petrology 51(1-4) 315-336
structural geology 70(3-4) 169-190
Ontario
petrology 72(3-4) 263-281; 81(3-4) 155-178; 92(2) 117-128
structural geology 89(1-2) 25-45
Quebec
metamorphic rocks 90(1-2) 59-83
petrology 72(3-4) 263-281
Saskatchewan, geochronology 95(3-4) 187-223
Sweden
Proterozoic 64(1-4) 361-388; 79(3-4) 239-259; 92(4) 319-339
structural geology 75(1-2) 17-29; 94(1-2) 29-48; 98(3-4) 173-195
Texas, petrology 94(1-2) 49-72
Western Australia
gold ores 88(1-4) 249-265
petrology 68(3-4) 307-321; 96(1-2) 125-139
titanium
Canadian Shield, geochemistry 94(3-4) 139-173
Ethiopia, metamorphic rocks 80(3-4) 261-279
India, geochemistry 61(1-2) 137-164
Ontario, geochemistry 54(2-4) 173-194; 82(3-4) 265-285
Western Australia, geochemistry 80(1-2) 49-76
titanium ores
Brazil 58(1-4) 195-214
Canada 58(1-4) 355-386; 58(1-4) 401-426
Canadian Shield 58(1-4) 25-54
Russian Federation 58(1-4) 121-141
United States 58(1-4) 355-386
titanomagnetite
Zimbabwe, paleomagnetism 69(1-4) 269-280
Tjakastad schist belt
petrology 75(1-2) 1-15
Tjakastad Subgroup
geochronology 57(1-2) 91-119
Tobacco Root Mountains
Archean 91(3-4) 295-307
Tocantins River region
tectonophysics 81(3-4) 299-310
Toggekry Formation
petrology 67(3-4) 277-320
sedimentary petrology 67(3-4) 243-276
Togo
foliation 82(1-2) 153-171
plate tectonics 69(1-4) 327-344
tonalite
51(1-4) 1-25
Antarctic Ocean 89(3-4) 175-205
Brazil
Archean 63(3-4) 179-188
tectonophysics 82(1-2) 35-62
California, geochemistry 91(1-2) 109-142
Canada, Archean 93(1) 5-26
Canadian Shield
crust 99(3-4) 197-224
geochemistry 65(1-4) 115-153; 76(3-4) 155-190
Ethiopia 76(1-2) 3-14
Europe 51(1-4) 127-149
Greenland 78(1-3) 1-39
Archean 93(1) 5-26
Montana, tectonics 55(1-4) 155-168
New Jersey 51(1-4) 115-125
Ontario 51(1-4) 27-50; 81(3-4) 223-239
Archean 76(3-4) 191-211
Quebec
foliation 68(3-4) 183-200
tectonophysics 63(1-2) 59-81
Romania, orogeny 80(3-4) 281-301
Russian Federation 62(4) 375-397; 62(4) 493-505
Seychelles, tectonophysics 69(1-4) 281-292
South Africa 75(1-2) 1-15
geochemistry 52(3-4) 301-319
metal ores 77(3-4) 243-271
Sweden
geochronology 77(1-2) 91-103
structural geology 75(1-2) 17-29
tectonophysics 91(1-2) 143-179
Western Australia 51(1-4) 51-83; 60(1-4) 151-174; 78(1-3) 165-178
Archean 61(1-2) 1-26; 91(3-4) 309-332

structural geology 83(1-3) 83-107
Wyoming, tectonics 55(1-4) 155-168
Tonian
Proterozoic 74(3) 119-175
Torngat Belt
faults 68(1-2) 65-79
Torngat Orogeny
Canada 93(1) 5-26
structural geology 91(1-2) 91-107
Canadian Shield, plate tectonics 63(3-4) 325-347
Greenland 93(1) 5-26
Labrador, structural geology 70(3-4) 169-190; 81(1-2) 15-35
Newfoundland, structural geology 70(3-4) 169-190; 81(1-2) 15-35
Tornquist-Teisseyre Zone
crust 64(1-4) 311-317
tectonophysics 64(1-4) 419-430
Torrensian
Proterozoic 74(3) 119-175
torsion faults *see* wrench faults
total organic carbon
China, geochemistry 97(1-2) 59-75
tourmaline
Greenland, metamorphism 72(3-4) 227-234
tourmalinite
Greenland 72(3-4) 227-234
trachyandesites
Jordan, geochemistry 56(1-2) 51-72
trachybasalts
Jordan, geochemistry 56(1-2) 51-72
Trachyhystrichosphaera truncata
paleobotany 96(1-2) 1-23
trachytes
Ontario, sedimentary petrology 68(1-2) 23-42
Zimbabwe, geochemistry 81(3-4) 179-196
Trans-Hudsonian Orogeny *see* Hudsonian Orogeny
Trans-Jordan *see* Jordan
Transamazonian Orogeny
Brazil 63(3-4) 179-188
gold ores 68(1-2) 139-167
petrology 51(1-4) 283-314; 93(2-3) 153-180
structural geology 77(1-2) 1-15; 86(3-4) 155-176; 90(1-2) 29-58
tectonophysics 53(1-2) 1-22; 99(3-4) 255-269
French Guiana, structural geology 92(2) 165-194
Uruguay, petrology 93(2-3) 153-180
Transantarctic Mountains
metamorphic rocks 93(2-3) 235-258
transcurrent faults
Arabian Peninsula, tectonophysics 53(1-2) 119-147
Brazil 65(1-4) 25-54; 99(1-2) 1-32
Ivory Coast, tectonophysics 65(1-4) 207-229
Niger 70(3-4) 281-301
Quebec, geochemistry 52(1-2) 37-51
South Africa 96(3-4) 263-288
petrology 87(1-2) 87-115
Sri Lanka 75(3-4) 263-277
Western Australia 75(1-2) 47-63; 83(1-3) 11-42
Zimbabwe, petrology 87(1-2) 87-115
transfer faults
Quebec 68(3-4) 183-200
transform faults
Oman, petroleum 54(1) 15-36
transgression *see also* highstands
Gabon, diagenesis 65(1-4) 341-356
India
Archean 97(3-4) 269-302
geochemistry 72(1-2) 69-95
Proterozoic 84(1-2) 63-81
Namibia, Proterozoic 63(3-4) 247-272
Northern Territory Australia
energy sources 54(1) 81-108
sedimentation 59(3-4) 225-241
South Africa
geochemistry 78(4) 273-287
metal ores 79(1-2) 141-169
tectonophysics 97(3-4) 303-323
South Australia
Archean 97(3-4) 269-302
Proterozoic 74(3) 119-175
Western Australia
Archean 97(3-4) 269-302
structural geology 88(1-4) 25-52
transpression
Arabian Peninsula, tectonophysics 53(1-2) 119-147
Australia, plate tectonics 69(1-4) 293-306
Brazil, structural geology 92(3) 251-275
Ethiopia, structural geology 77(3-4) 179-210
Finland
isostasy 86(1-2) 21-44
structural geology 64(1-4) 295-309
French Guiana, structural geology 92(2) 165-194
Labrador, structural geology 70(3-4) 169-190
Morocco
plate tectonics 54(2-4) 295-319
volcanism 70(1-2) 25-44
Namibia, Proterozoic 63(3-4) 247-272
New England, structural geology 53(1-2) 41-78
Newfoundland, structural geology 70(3-4) 169-190
Ontario, deformation 93(1) 51-70
South Africa
intrusions 55(1-4) 81-92
petrology 87(1-2) 87-115
structural geology 96(3-4) 263-288
tectonophysics 97(3-4) 303-323
Sweden
isostasy 86(1-2) 21-44
structural geology 79(3-4) 261-279
Tanzania, structural geology 93(1) 119-137
Western Australia, structural geology 75(1-2) 47-63; 88(1-4) 173-205
Zimbabwe, petrology 87(1-2) 87-115
Transscandinavian igneous belt
geochronology 77(1-2) 91-103
petrology 51(1-4) 127-149; 51(1-4) 151-159; 95(1-2) 147-166
Proterozoic 79(3-4) 227-237
structural geology 70(1-2) 67-91; 94(1-2) 29-48
tectonophysics 92(3) 297-315
transtension
Africa, tectonophysics 69(1-4) 199-227
Brazil, plate tectonics 76(3-4) 213-227
Canadian Shield, Archean 92(3) 277-295
Ivory Coast, tectonophysics 65(1-4) 207-229
South America, tectonophysics 69(1-4) 199-227
Transvaal region
Archean 54(2-4) 271-293; 55(1-4) 17-31; 79(1-2) 25-35
geochemistry 74(1-2) 1-33; 78(4) 273-287; 79(1-2) 57-71; 79(1-2) 171-194
geochronology 57(1-2) 91-119
gold ores 79(1-2) 125-140
magmas 82(1-2) 113-132
metal ores 61(3-4) 279-293; 79(1-2) 141-169
paleomagnetism 69(1-4) 229-240
petrology 52(1-2) 115-132
stratigraphy 67(1-2) 159-180
structural geology 55(1-4) 187-200; 55(1-4) 571-587
Transvaal Supergroup *see also* Malmani Subgroup; Pretoria Group
72(3-4) 247-261; 81(1-2) 145-149; 97(3-4) 191-214; 97(3-4) 269-302
geochemistry 72(1-2) 109-145; 79(1-2) 1-194; 79(1-2) 37-55; 79(1-2) 57-71
gold ores 79(1-2) 125-140
petrology 79(1-2) 101-123
structural geology 52(1-2) 133-166
transverse wave *see* S-waves

Transylvanian Alps
orogeny 80(3-4) 281-301
traps *see* structural traps
Triangle shear zone
deformation 70(3-4) 191-213
Triangle-Tuli Sabi shear zone
Archean 55(1-4) 17-31
structural geology 55(1-4) 539-552
Triassic
South Africa 97(3-4) 303-323
Tristan da Cunha *see* Gough Island
TRM *see* thermoremanent magnetization
troctolite
Finland 95(1-2) 89-107
Troms Norway
geochronology 57(3-4) 195-206
trondhjemite
51(1-4) 1-25
Antarctic Ocean 89(3-4) 175-205
Brazil, tectonophysics 82(1-2) 35-62
Canadian Shield, geochemistry 67(3-4) 207-241; 76(3-4) 155-190
Central African Republic 68(1-2) 97-113
Ethiopia 76(1-2) 3-14
India
geochronology 77(1-2) 17-22
structural geology 63(1-2) 43-58
Montana, tectonics 55(1-4) 155-168
New Jersey 51(1-4) 115-125
Ontario 51(1-4) 27-50
Rocky Mountains 78(1-3) 41-52
Russian Federation 62(4) 493-505
South Africa 75(1-2) 1-15
metal ores 77(3-4) 243-271
Western Australia 60(1-4) 151-174; 78(1-3) 165-178
geochemistry 96(1-2) 41-62
Wyoming, tectonics 55(1-4) 155-168
Tshenukutish Domain
metamorphic rocks 90(1-2) 59-83
Tsuomasvarri Intrusion
paleomagnetism 69(1-4) 25-50
Tuareg Shield
folds 67(1-2) 59-88
tuff
Africa 67(3-4) 277-320
sedimentary petrology 67(3-4) 243-276
Northwest Territories 77(1-2) 59-89
Ontario, Archean 76(3-4) 191-211
South Africa 78(1-3) 125-138
Archean 79(1-2) 73-100
Western Australia 60(1-4) 175-183
tectonics 88(1-4) 109-142
tungstates *see* scheelite
tungsten
Greenland, geochemistry 82(3-4) 177-189
tungsten ores
Arabian Peninsula 58(1-4) 169-194
Ontario 58(1-4) 99-119
South Africa, petrology 70(3-4) 303-335
Sweden 58(1-4) 143-167
geochemistry 64(1-4) 319-335
United States 58(1-4) 99-119
Tungurcha greenstone belt
Archean 78(4) 197-210
crust 91(3-4) 333-363
metamorphism 62(4) 399-417
Tungurcha Group
Archean 78(4) 197-210
intrusions 54(2-4) 195-210
metamorphism 62(4) 399-417
Tungussia julia
Proterozoic 92(1) 65-87
turbidite *see also* Bouma sequence
British Columbia, Proterozoic 73(1-4) 71-99
Canada, geochronology 91(3-4) 383-399
Greenland, geochronology 91(3-4) 383-399
Northern Territory Australia, Proterozoic 71(1-4) 107-129
Northwest Territories, petrology 77(1-2) 59-89
Ontario
sedimentary petrology 68(1-2) 23-42
tectonophysics 65(1-4) 183-205
Papua New Guinea, tectonophysics 65(1-4) 183-205
South Africa, Archean 97(3-4) 191-214
Western Australia
sedimentary petrology 60(1-4) 287-335
structural geology 94(1-2) 11-28
turbidity current structures *see* Bouma sequence; graded bedding
Turffontein Subgroup
Archean 97(3-4) 191-214
gold ores 95(3-4) 167-185
Turukhansk Uplift
Protista 85(3-4) 201-239
Tusas Mountains
Cretaceous 63(1-2) 97-122
two-mica granite
Brazil 51(1-4) 351-374
Colorado 62(1-2) 139-169
U *see* uranium
U-238/Pb-206
North Carolina, Proterozoic 68(1-2) 81-95
Virginia, Proterozoic 68(1-2) 81-95
U. S. Rocky Mountains *see* Absaroka Range; Big Belt Mountains; Little Belt Mountains; Tobacco Root Mountains; Uinta Mountains; Wet Mountains; Wind River Range
U/Pb *see also* Pb/Pb
Antarctic Ocean, metamorphism 89(3-4) 175-205
Antarctica
Mesozoic 75(3-4) 251-262
metamorphic rocks 93(2-3) 235-258
orogeny 75(3-4) 231-250
Australia, Proterozoic 99(3-4) 271-308
Bolivia, metamorphism 94(1-2) 73-99
Brazil
gold ores 68(1-2) 139-167
petrology 80(3-4) 217-238; 95(1-2) 9-39; 95(1-2) 41-67
Proterozoic 52(3-4) 321-335
stratigraphy 99(3-4) 179-196
tectonophysics 81(3-4) 299-310
Burundi, petrology 68(3-4) 323-356
California, geochemistry 91(1-2) 109-142
Cameroon, Archean 67(3-4) 321-347
Canada, structural geology 91(1-2) 91-107
Canadian Shield
Archean 92(3) 277-295; 97(1-2) 77-97
crust 99(3-4) 197-224
plate tectonics 63(3-4) 211-223; 63(3-4) 325-347
stratigraphy 69(1-4) 1-10
structural geology 68(3-4) 291-306
Chile, metamorphism 94(1-2) 73-99
China, Proterozoic 84(3-4) 197-220
Colorado, Cretaceous 63(1-2) 97-122
Europe
paleomagnetism 69(1-4) 25-50
petrology 74(1-2) 57-72
Finland
petrology 95(1-2) 89-107
Proterozoic 51(1-4) 227-243
structural geology 64(1-4) 295-309
Ghana, geochronology 56(1-2) 89-96
Greenland
petrology 81(1-2) 67-82
structural geology 93(1) 87-104
India
geochemistry 62(1-2) 127-137; 98(1-2) 129-150
geochronology 94(3-4) 251-271
Ivory Coast, tectonics 86(3-4) 177-199
Korea, volcanism 89(1-2) 47-57
Labrador
orogeny 80(3-4) 239-260
petrology 51(1-4) 315-336; 81(1-2) 67-82; 93(4) 281-297
Proterozoic 99(1-2) 65-90
structural geology 70(3-4) 169-190; 81(1-2) 101-128
tectonics 63(1-2) 123-142
Manitoba
geochronology 68(1-2) 1-21
structural geology 72(1-2) 147-167
Mauritania, Archean 90(3-4) 107-117
Mexico
metamorphism 94(1-2) 73-99
Proterozoic 96(3-4) 245-262

New Mexico, Cretaceous 63(1-2) 97-122
New South Wales Australia, metal ores 90(3-4) 203-238; 98(1-2) 1-10
New York, Proterozoic 96(3-4) 245-262
Newfoundland
  orogeny 80(3-4) 239-260
  petrology 51(1-4) 315-336; 81(1-2) 67-82; 93(4) 281-297
  Proterozoic 99(1-2) 65-90
  structural geology 70(3-4) 169-190; 81(1-2) 101-128
  tectonics 63(1-2) 123-142
Niger, folds 67(1-2) 59-88
Nigeria, structural geology 87(1-2) 65-74
North Carolina, Proterozoic 68(1-2) 81-95
Northern Territory Australia
  geochronology 71(1-4) 17-43; 71(1-4) 229-250
  Proterozoic 71(1-4) 3-15; 71(1-4) 315-346
Northwest Territories
  petrology 77(1-2) 59-89
  structural geology 93(1) 27-49
Ontario
  geochemistry 82(3-4) 265-285; 92(4) 365-387
  magmas 53(3-4) 199-231
  petrology 72(3-4) 263-281; 78(1-3) 53-63; 81(3-4) 155-178; 92(2) 117-128
  structural geology 89(1-2) 25-45
Proterozoic 51(1-4) 337-350
Quebec
  deformation 92(2) 145-164
  metamorphic rocks 90(1-2) 59-83
  petrology 72(3-4) 263-281
  structural geology 93(1) 27-49
Queensland Australia, geochronology 89(3-4) 101-127
Rocky Mountains, petrology 78(1-3) 41-52
Romania, orogeny 80(3-4) 281-301
Russian Federation
  Archean 78(4) 197-210
  crust 64(1-4) 189-195
  intrusions 54(2-4) 195-210
  petrology 62(4) 375-397; 75(1-2) 31-46
  plate tectonics 89(1-2) 1-23
Saskatchewan, structural geology 72(1-2) 147-167
South Africa
  geochemistry 55(1-4) 451-467
  geochronology 62(1-2) 83-101; 95(3-4) 225-243
South Australia
  Proterozoic 100(1-3) 281-298
  stratigraphy 87(3-4) 135-159
Sri Lanka, geochronology 66(1-4) 111-121; 66(1-4) 123-149
Sweden
  geochronology 77(1-2) 91-103
  magmas 95(1-2) 109-127
  metamorphism 76(1-2) 15-30
  petrology 52(3-4) 231-243; 82(1-2) 85-99
  plate tectonics 67(1-2) 141-158; 92(1) 1-20
  Proterozoic 79(3-4) 227-237
  structural geology 70(3-4) 235-251; 98(1-2) 151-171; 98(3-4) 173-195
Texas
  metamorphism 94(1-2) 73-99
  petrology 94(1-2) 49-72
Virginia, Proterozoic 68(1-2) 81-95
Western Australia
  Archean 52(3-4) 275-300; 56(3-4) 169-189; 61(1-2) 1-26; 65(1-4) 297-317
  geochronology 95(3-4) 225-243
  magmas 83(1-3) 203-219
  paleomagnetism 100(1-3) 335-357
  petrology 68(3-4) 307-321; 88(1-4) 3-23
  plate tectonics 88(1-4) 143-171
  Proterozoic 71(1-4) 3-15
  structural geology 78(1-3) 179-196; 88(1-4) 53-66
  tectonics 88(1-4) 207-231
  tectonophysics 91(1-2) 181-227
  volcanism 60(1-4) 175-183
Wyoming, petrology 89(3-4) 145-173
Zambia
  geochronology 63(3-4) 189-209
  uranium ores 58(1-4) 215-240
Zimbabwe
  geochemistry 55(1-4) 451-467
  tectonics 98(1-2) 67-82
U/Th *see* Th/U
U/Th/Pb
  Antarctic Ocean, metamorphism 89(3-4) 175-205
  mantle 91(3-4) 233-252
  Northern Territory Australia
    Proterozoic 71(1-4) 69-89
    structural geology 72(1-2) 43-67
  South Africa, metal ores 77(3-4) 243-271
  Sri Lanka, Proterozoic 66(1-4) 151-181
  Western Australia, tectonics 88(1-4) 109-142
  Zimbabwe, Archean 91(3-4) 269-285
Ubangi-Shari *see* Central African Republic
Ubendian Belt
  petrology 85(1-2) 27-51
  structural geology 62(3) 207-226; 93(1) 119-137
Ubendian-Usagaran Orogeny
  petrology 85(1-2) 27-51
Uchi Subprovince
  Archean 92(3) 277-295; 97(1-2) 77-97
  gold ores 84(1-2) 83-103
  petrology 78(1-3) 53-63
Udaipur India
  geochemistry 67(1-2) 11-35
Uinta Mountain Group 87(1-2) 1-18
Uinta Mountains
  stratigraphy 87(1-2) 1-18
Uitkyk Formation
  structural geology 55(1-4) 123-153
Ukraine
  metal ores
    Krivoy Rog Basin 58(1-4) 289-303
    Ukrainian Shield 58(1-4) 289-303
  petrology, Ukrainian Shield 78(1-3) 65-78
Ukrainian Shield
  metal ores 58(1-4) 289-303
  petrology 78(1-3) 65-78
ultramafics *see also* kimberlite; komatiite; ophiolite; peridotites; pyroxenite
  Africa, structural geology 61(1-2) 67-88
  Algeria, structural geology 65(1-4) 155-166
  Brazil, metal ores 58(1-4) 195-214
  California 70(1-2) 1-24
  China, crust 78(1-3) 79-94
  Europe, geochemistry 62(1-2) 103-125
  French Guiana, structural geology 92(2) 165-194
  Greenland 78(1-3) 1-39
  India, sedimentary petrology 70(1-2) 93-112
  South Africa, stratigraphy 67(1-2) 159-180
ultrametamorphism
  Russian Federation 62(4) 431-451
ultramylonite
  Western Australia, structural geology 88(1-4) 233-247
ultrapotassic composition
  Brazil, magmas 62(3) 323-342
  India, Proterozoic 79(3-4) 363-369
  Quebec
    geochemistry 52(1-2) 37-51
    petrology 52(1-2) 71-96
Uluguru granulite complex
  metamorphism 74(4) 195-202
Umarizal Pluton
  petrology 87(1-2) 19-32
Umberatana Group 73(1-4) 3-26
Umvimeela Dyke
  paleomagnetism 69(1-4) 269-280
Una Group
  geochemistry 89(1-2) 87-100
unconformities *see* angular unconformities; erosional unconformities
underground water *see* ground water
Ungava
  structural geology 93(1) 27-49

Ungava Orogeny
geochemistry 91(1-2) 109-142
plate tectonics 63(3-4) 211-223; 63(3-4) 325-347
Ungoolya Group
Cambrian 100(1-3) 235-280
United Arab Emirates
sedimentary petrology, Dubai 61(3-4) 181-190
United Kingdom *see* Great Britain
United States *see also* Arizona; California; Colorado; Maryland; Michigan; Midwest; Minnesota; Missouri; Montana; Nebraska; New England; New Hampshire; New Jersey; New Mexico; New York; North Carolina; South Dakota; Texas; Utah; Virginia; Wisconsin; Wyoming
algae
Big Belt Mountains 61(3-4) 241-278
Little Belt Mountains 61(3-4) 241-278
Archean
Beartooth Mountains 91(3-4) 295-307
Tobacco Root Mountains 91(3-4) 295-307
Wyoming Province 91(3-4) 295-307
Cretaceous
Cheyenne Belt 63(1-2) 97-122
Wyoming Province 63(1-2) 97-122
metal ores, Wyoming Province 58(1-4) 85-97; 58(1-4) 99-119
petrology
Beartooth Mountains 78(1-3) 41-52
Wet Mountains 62(1-2) 139-169
Wind River Range 89(3-4) 145-173
Wyoming Province 78(1-3) 41-52; 89(3-4) 145-173
stratigraphy
Uinta Mountains 87(1-2) 1-18
Wyoming Province 87(1-2) 1-18
tectonics
Beartooth Mountains 55(1-4) 155-168
Gallatin Range 55(1-4) 155-168
Wyoming Province 55(1-4) 155-168
tectonophysics 65(1-4) 71-94
uplifts *see also* exhumation
Africa, tectonophysics 69(1-4) 199-227
Australia, petrology 81(1-2) 37-66
Brazil
petrology 80(3-4) 217-238
structural geology 92(3) 251-275
Canada, structural geology 91(1-2) 91-107
China, structural geology 67(1-2) 37-57
Finland, tectonophysics 64(1-4) 273-288
isostasy 92(4) 387-412
Labrador
orogeny 80(3-4) 239-260
structural geology 81(1-2) 101-128
Manitoba, structural geology 72(1-2) 147-167
Mexico, Proterozoic 96(3-4) 245-262
Namibia, structural geology 57(3-4) 169-194
New York, Proterozoic 96(3-4) 245-262
Newfoundland
orogeny 80(3-4) 239-260
structural geology 81(1-2) 101-128
Northern Territory Australia
geochronology 71(1-4) 207-227; 71(1-4) 229-250
Proterozoic 71(1-4) 3-15; 71(1-4) 107-129; 71(1-4) 315-346
volcanism 94(3-4) 225-250
Ontario
folds 85(3-4) 117-146
petrology 91(3-4) 287-294; 92(2) 117-128
sedimentary petrology 68(1-2) 23-42
Queensland Australia, volcanism 94(3-4) 225-250
Russian Federation, tectonophysics 64(1-4) 273-288
Saskatchewan
geochronology 95(3-4) 187-223
structural geology 72(1-2) 147-167
South Africa
Archean 55(1-4) 17-31
metal ores 59(1-2) 43-71
stratigraphy 97(3-4) 215-251
structural geology 55(1-4) 525-538; 55(1-4) 539-552
South America, tectonophysics 69(1-4) 199-227
South Australia, metal ores 79(3-4) 281-305
Sri Lanka, phase equilibria 66(1-4) 265-294
Sweden
Proterozoic 64(1-4) 361-388
structural geology 72(3-4) 199-225; 98(3-4) 173-195
Western Australia
magmas 83(1-3) 203-219
petrology 96(1-2) 125-139
Proterozoic 71(1-4) 3-15
structural geology 60(1-4) 185-241; 88(1-4) 25-52
Zambia, uranium ores 58(1-4) 215-240
Zimbabwe
Archean 55(1-4) 17-31
deformation 70(3-4) 191-213
metamorphism 55(1-4) 407-427
structural geology 55(1-4) 539-552
upper Precambrian *see* Proterozoic
upper Riphean
China 65(1-4) 95-114
Upper Volta *see* Burkina Faso
Urals
paleobotany 65(1-4) 231-254
uraninite
Norway, cobalt ores 91(3-4) 419-432
uranium *see also* U/Pb
South Africa, geochemistry 79(1-2) 37-55
U-238/Pb-206
North Carolina 68(1-2) 81-95
Virginia 68(1-2) 81-95
uranium disequilibrium
South Australia, stratigraphy 87(3-4) 135-159
uranium ores
58(1-4) 241-287; 58(1-4) 387-400
India 58(1-4) 71-83
Ontario 58(1-4) 99-119; 61(3-4) 279-293
South Africa 61(3-4) 279-293
Sweden 58(1-4) 143-167
United States 58(1-4) 99-119
Western Australia 58(1-4) 55-70; 58(1-4) 345-354
Zambia 58(1-4) 215-240
uranium-lead *see* U/Pb
uranium-series method *see* uranium disequilibrium
uranium-thorium *see* Th/U
Uruguay
petrology 74(3) 177-194; 93(2-3) 153-180
Usagaran Belt
petrology 77(1-2) 105-115
Ussuit Greenland
geochemistry 94(1-2) 101-120
structural geology 93(1) 87-104
Utah *see also* Uinta Mountain Group; Uinta Mountains; Wyoming Province
petrology 82(3-4) 237-263
Uttar Pradesh India *see also* Garhwal Himalayas
paleobotany 74(1-2) 91-117
volcanism 87(3-4) 217-231
V *see* vanadium
Vaalbara
Archean 79(1-2) 3-24
Valberg
intrusions 53(3-4) 233-242
vanadium
India, geochemistry 61(1-2) 137-164
vanadium ores
Canada 58(1-4) 355-386
Russian Federation 58(1-4) 121-141
United States 58(1-4) 355-386
Vandalosphaeridium varangeri
paleobotany 96(1-2) 1-23
Vanrhynsdorp Basin
Proterozoic 63(3-4) 247-272
Vanrhynsdorp Belt
stratigraphy 73(1-4) 137-151

Varanger Peninsula
stratigraphy 69(1-4) 81-93; 73(1-4) 197-216
Variscan Orogeny *see* Hercynian Orogeny
Variscides
tectonophysics 64(1-4) 419-430
Varmland Sweden
geochronology 77(1-2) 91-103
structural geology 79(3-4) 261-279
veins *see* quartz veins
Velkerri Formation
energy sources 54(1) 81-108
Vempalle Formation
stratigraphy 92(1) 21-35
Vendian *see also* Ediacaran
Greenland 73(1-4) 217-233
Norway 69(1-4) 81-93; 73(1-4) 197-216
Russian Federation 69(1-4) 81-93
Venezuela
tectonics, Amazonas Venezuela 85(1-2) 1-25
Ventersdorp Supergroup
53(3-4) 243-266; 74(4) 203-223; 79(1-2) 3-24; 96(1-2) 63-82; 97(3-4) 191-214; 97(3-4) 215-251
geochemistry 54(2-4) 231-256
Vertebrata *see* Tetrapoda
Vestfold Hills
foliation 65(1-4) 277-295
metamorphism 89(3-4) 175-205
tectonics 75(3-4) 121-139
Vestre Dale Gabbro
tectonophysics 64(1-4) 403-417
Vesuvius Charnockite
geochemistry 84(1-2) 37-62
Vesuvius Quadrangle
geochemistry 84(1-2) 37-62
Victoria Land *see* Wilson Terrane
Vijayan Complex
geochemistry 66(1-4) 183-198; 66(1-4) 325-349
geochronology 66(1-4) 95-110; 66(1-4) 123-149
petrology 66(1-4) 3-18
plate tectonics 66(1-4) 77-91; 70(3-4) 269-280
Proterozoic 66(1-4) 151-181
structural geology 66(1-4) 21-37; 66(1-4) 39-57; 66(1-4) 59-76
Vindhya Basin *see* Vindhyan Basin
Vindhyan *see also* Semri Series
70(1-2) 168; 85(1-2) 115-116
India 79(3-4) 307-325
Vindhyan Basin
petroleum 85(1-2) 115-116
Vindhyan System *see* Vindhyan
Virginia *see also* Blue Ridge Province
geochronology
Fauquier County Virginia 99(1-2) 113-146
Loudoun County Virginia 99(1-2) 113-146
vitrinite
geochemistry 61(3-4) 171-179
volatiles
Colorado, magmas 98(3-4) 271-305
Northern Territory Australia, metal ores 78(4) 211-235
Ontario, geochemistry 54(2-4) 173-194
petrology 55(1-4) 399-405
volcanic arcs *see* island arcs
volcanic ash
Australia, Archean 79(1-2) 25-35
South Africa
Archean 79(1-2) 25-35
volcanism 61(1-2) 117-136
volcanic features *see also* calderas
South Africa 61(1-2) 117-136
volcanic processes *see* volcanism
volcanic rocks *see also* andesites; basalts; dacites; granophyre; lava; pyroclastics; rhyodacites; rhyolites; trachyandesites; trachytes; volcanic ash; volcanism
Africa, Archean 74(4) 203-223
Arctic region 70(3-4) 215-234
Canadian Shield, geochemistry 76(3-4) 155-190
Ethiopia, structural geology 77(3-4) 179-210
Finland, paleomagnetism 74(4) 245-252
Ghana, geochronology 56(1-2) 89-96
India, Archean 97(3-4) 269-302
Namibia, crust 63(1-2) 143-162
Newfoundland, Cambrian 73(1-4) 123-136
Northern Territory Australia, Proterozoic 71(1-4) 107-129
Norway, tectonophysics 92(3) 297-315
Ontario 78(1-3) 53-63; 81(3-4) 223-239
Precambrian 97(3-4) 137-141; 97(3-4) 137-323
Russian Federation, paleomagnetism 74(4) 245-252
Saskatchewan, geochronology 95(3-4) 187-223
South Africa 92(2) 129-144
Archean 53(3-4) 243-266
crust 63(1-2) 143-162
geochemistry 78(4) 273-287
metal ores 77(3-4) 243-271
stratigraphy 54(2-4) 257-269
South Australia, Archean 97(3-4) 269-302
Spitsbergen 70(3-4) 215-234
Sweden
lead ores 81(1-2) 83-99
tectonophysics 69(1-4) 61-79; 92(3) 297-315
Western Australia
Archean 97(3-4) 269-302
geochemistry 60(1-4) 99-116
metal ores 88(1-4) 67-82
structural geology 68(1-2) 43-64; 90(3-4) 141-158
volcanicity *see* volcanism
volcaniclastics
Arctic region, petrology 70(3-4) 215-234
Canadian Shield, faults 68(3-4) 201-230
Greenland
metamorphism 72(3-4) 227-234
petrology 78(1-3) 1-39
Mali, geochemistry 65(1-4) 55-69
Newfoundland, geochemistry 59(3-4) 243-262
Northern Territory Australia, Proterozoic 71(1-4) 107-129
Russian Federation, petroleum 54(1) 37-44
Spitsbergen, petrology 70(3-4) 215-234
Sweden, magmas 52(3-4) 187-214
Western Australia, geochemistry 60(1-4) 99-116
volcanics *see* volcanic rocks
volcanism *see also* eruptions; lava; volcanic features
Archean 97(3-4) 143-154
Benin 82(3-4) 191-209
Brazil, plate tectonics 53(1-2) 23-40
Canadian Shield 97(1-2) 27-42
Archean 97(1-2) 77-97
faults 68(3-4) 201-230
metal ores 58(1-4) 25-54
structural geology 68(3-4) 291-306
India 87(3-4) 217-231
geochemistry 61(1-2) 137-164
metal ores 61(1-2) 165-168
Korea 89(1-2) 47-57
Labrador, structural geology 81(1-2) 101-128
Manitoba, structural geology 80(1-2) 107-124
Morocco 70(1-2) 25-44
New England, structural geology 53(1-2) 41-78
Newfoundland, structural geology 81(1-2) 101-128
Northern Territory Australia 94(3-4) 225-250
geochronology 71(1-4) 17-43
stratigraphy 72(1-2) 1-41
Ontario
Archean 76(3-4) 191-211
geochemistry 52(3-4) 347-380; 54(2-4) 173-194
Pakistan 87(3-4) 217-231
plate tectonics 78(4) 299-301
Queensland Australia 94(3-4) 225-250
geochronology 71(1-4) 131-153

stratigraphy 72(1-2) 1-41
South Africa
geochemistry 54(2-4) 231-256; 74(1-2) 1-33
metal ores 91(1-2) 65-90
Sweden, structural geology 70(3-4) 235-251
Western Australia 60(1-4) 175-183; 78(4) 237-260; 88(1-4) 3-23
Archean 61(1-2) 1-26; 97(3-4) 165-189
geochemistry 54(2-4) 231-256
metal ores 90(3-4) 119-140
stratigraphy 60(1-4) 47-67
structural geology 60(1-4) 185-241; 83(1-3) 11-42
tectonics 88(1-4) 109-142
Volta Basin
petrology 82(3-4) 191-209
tectonophysics 69(1-4) 307-326
Voltaic Republic *see* Burkina Faso
volume susceptibility (magnetic) *see* magnetic susceptibility
Volyno-Azov Massif *see* Ukrainian Shield
vorticity
Western Australia, structural geology 68(1-2) 43-64
Vredefort Dome
Archean 97(3-4) 191-214
magmas 82(1-2) 113-132
vulcanism *see* volcanism
W *see* tungsten
Wabigoon Belt
magmas 81(3-4) 223-239
petrology 81(3-4) 155-178
Wadi Araba
geochemistry 56(1-2) 51-72
Wakeham Group
orogeny 86(3-4) 117-154
Wakeham Supergroup
metal ores 58(1-4) 401-426
structural geology 68(3-4) 291-306
Walsh Tillite
paleomagnetism 100(1-3) 359-370
wandering, polar *see* polar wandering
Wanni Complex
geochemistry 66(1-4) 183-198; 66(1-4) 223-244
geochronology 66(1-4) 95-110; 66(1-4) 111-121; 66(1-4) 123-149
petrology 66(1-4) 3-18
plate tectonics 70(3-4) 269-280
Proterozoic 66(1-4) 151-181
structural geology 66(1-4) 21-37
Warramunga Formation
Proterozoic 71(1-4) 107-129
Warrawoona Group
60(1-4) 1-45; 60(1-4) 47-67; 60(1-4) 69-98; 96(1-2) 63-82
deformation 88(1-4) 83-108
geochemistry 60(1-4) 99-116; 63(3-4) 225-246; 96(1-2) 41-62
petrology 83(4) 221-242
structural geology 80(1-2) 89-105; 88(1-4) 53-66
tectonics 88(1-4) 207-231
Warrswoona Group
geochemistry 57(1-2) 21-47
Washington County Maryland
geochronology 99(1-2) 113-146
Washington West Quadrangle
geochronology 99(1-2) 113-146
water-rock interaction
Northern Territory Australia, petrology 77(3-4) 211-229
Waterberg Group
stratigraphy 54(2-4) 257-269
Waterberg System 74(4) 203-223
Waterval Member
structural geology 57(3-4) 169-194
Wathaman Batholith
tectonics 90(1-2) 85-101
tectonophysics 69(1-4) 11-24
Watts Group
plate tectonics 63(3-4) 211-223
Wawa Belt
geochemistry 76(3-4) 119-153; 76(3-4) 155-190; 94(3-4) 139-173
petrology 92(2) 117-128
weathering
Canadian Shield, petrology 62(3) 285-305
chemical weathering
Finland 64(1-4) 253-271
India 79(3-4) 307-325
Western Australia 80(1-2) 49-76
India, Archean 97(3-4) 269-302
Manitoba, geochemistry 92(1) 37-64
Northwest Territories, stratigraphy 68(1-2) 115-137
Ontario, petrology 84(1-2) 17-36
Saskatchewan, geochemistry 92(1) 37-64
South Africa, stratigraphy 54(2-4) 257-269; 67(1-2) 159-180
South Australia, Archean 97(3-4) 269-302
Sri Lanka, geochemistry 66(1-4) 223-244
Western Australia
Archean 65(1-4) 297-317; 97(3-4) 269-302
geochemistry 60(1-4) 99-116
Wegener hypothesis *see* continental drift
West Africa *see* Benin; Burkina Faso; Cameroon; Ghana; Ivory Coast; Mali; Mauritania; Niger; Nigeria; Togo
West African Shield
Archean 90(3-4) 107-117
geochronology 56(1-2) 89-96
gold ores 89(3-4) 129-143
petrology 80(3-4) 173-191
plate tectonics 69(1-4) 327-344
stratigraphy 69(1-4) 113-131
structural geology 87(3-4) 161-216
tectonics 86(3-4) 177-199
tectonophysics 56(1-2) 97-111; 69(1-4) 307-326
volcanism 70(1-2) 25-44
West Greenland *see* Isua Belt
West Pakistan *see* Pakistan
Western Australia *see also* Amadeus Basin; Fortescue Group; Shark Bay; Warrawoona Group
Archean 91(3-4) 309-332
Hamersley Basin 65(1-4) 297-317; 72(3-4) 247-261
Pilbara Block 56(3-4) 169-189; 65(1-4) 297-317; 79(1-2) 3-24; 97(3-4) 165-189; 97(3-4) 269-302
Yilgarn Block 52(3-4) 275-300; 61(1-2) 1-26; 97(3-4) 269-302
areal geology, Pilbara Block 60(1-4) 1-359
folds
Eastern Goldfields 83(1-3) 43-56
Yilgarn Block 83(1-3) 43-56
geochemistry
Eastern Goldfields 83(1-3) 109-132; 83(1-3) 133-183
Hamersley Basin 54(2-4) 211-229
Kalgoorlie Australia 83(1-3) 133-183
Pilbara Block 54(2-4) 211-229; 54(2-4) 231-256; 57(1-2) 21-47; 80(1-2) 49-76
Yilgarn Block 83(1-3) 109-132; 83(1-3) 133-183
geochronology 71(1-4) 301-314; 95(3-4) 225-243
gold ores
Norseman-Wiluna Belt 51(1-4) 85-113
Pilbara Block 88(1-4) 249-265
Yilgarn Block 51(1-4) 85-113
igneous rocks 56(3-4) 227-253
magmas 51(1-4) 375-391; 52(3-4) 245-273
Eastern Goldfields 83(1-3) 203-219
Pilbara Block 60(1-4) 151-174
Yilgarn Block 83(1-3) 203-219
metal ores
Kambalda Australia 58(1-4) 55-70
Norseman-Wiluna Belt 58(1-4) 55-70
Pilbara Block 58(1-4) 345-354; 88(1-4) 1-2; 88(1-4) 1-265; 88(1-4) 67-82; 98(3-4) 243-270
Yilgarn Block 58(1-4) 55-70; 90(3-4) 119-140; 96(3-4) 143-181
metamorphism, Pilbara Block 83(4) 243-265
paleomagnetism 100(1-3) 359-370
Pilbara Block 100(1-3) 335-357

petrology
Eastern Goldfields 83(1-3) 1-10; 83(1-3) 1-219
Norseman-Wiluna Belt 51(1-4) 51-83
Pilbara Block 60(1-4) 117-149; 88(1-4) 3-23; 95(3-4) 275, 277-302
Yilgarn Block 51(1-4) 51-83; 68(3-4) 307-321; 78(1-3) 165-178; 78(4) 237-260; 83(1-3) 1-10; 83(1-3) 1-219; 96(1-2) 125-139
plate tectonics, Pilbara Block 88(1-4) 143-171
Proterozoic 71(1-4) 3-15
Hamersley Basin 99(1-2) 33-64
Pilbara Block 99(1-2) 33-64
sedimentary petrology, Pilbara Block 60(1-4) 287-335; 60(1-4) 337-359
sedimentation, Pilbara Block 60(1-4) 243-286
stratigraphy 67(1-2) 1-10
Eastern Goldfields 97(3-4) 155-164
Hamersley Basin 69(1-4) 133-155
Pilbara Block 97(3-4) 155-164
Yilgarn Block 97(3-4) 155-164
structural geology 59(1-2) 95-123; 90(3-4) 141-158
Eastern Goldfields 62(3) 343-365; 68(1-2) 43-64; 83(1-3) 11-42; 83(1-3) 57-81; 83(1-3) 83-107; 83(1-3) 185-201
Hamersley Basin 60(1-4) 185-241
Pilbara Block 60(1-4) 185-241; 88(1-4) 25-52; 88(1-4) 173-205; 88(1-4) 233-247; 91(1-2) 15-39; 94(1-2) 11-28
Yilgarn Block 68(1-2) 43-64; 75(1-2) 47-63; 78(1-3) 179-196; 83(1-3) 11-42; 83(1-3) 57-81; 83(1-3) 83-107; 83(1-3) 185-201; 85(3-4) 147-171
tectonics, Pilbara Block 88(1-4) 109-142
tectonophysics, Pilbara Block 91(1-2) 181-227
volcanism, Pilbara Block 60(1-4) 175-183
Western Canada *see* British Columbia; Canadian Cordillera; Mackenzie District Northwest Territories; Manitoba; Reindeer Zone; Saskatchewan; Yukon Territory
Western Europe *see* France; Ireland; Scandinavia; United Kingdom
Western Gneiss Terrane
geochronology 57(3-4) 195-206
Western Granulite Domain
geochronology 68(1-2) 1-21
Western Peninsula Rhyolite
Archean 97(1-2) 77-97
Wet Mountains
petrology 62(1-2) 139-169
Whim Creek
Archean 65(1-4) 297-317
Whim Creek Belt
structural geology 88(1-4) 173-205
volcanism 60(1-4) 175-183
Whim Creek Group
deformation 88(1-4) 83-108
structural geology 94(1-2) 11-28
White Bear Arm Complex
orogeny 80(3-4) 239-260
white mica *see* muscovite
White Pine Deposit
geochemistry 54(1) 65-79
White Russia *see* Belarus
White Sea
structural geology 64(1-4) 131-152
Whiterock Member
Archean 81(3-4) 265-297
Whitewater Group
metal ores 58(1-4) 99-119
Wiborg Batholith
tectonophysics 64(1-4) 273-288
Wiborg Finland
Proterozoic 51(1-4) 227-243
Wiborg Terrane
petrology 95(1-2) 89-107
wiborgite *see* rapakivi
Willemse shear zone
structural geology 55(1-4) 123-153
Willyama Complex
metal ores 56(3-4) 211-226; 98(1-2) 1-10
Wilpena Group 73(1-4) 3-26; 100(1-3) 97-108; 100(1-3) 299-312
Wilson cycle
Brazil
plate tectonics 76(3-4) 213-227
structural geology 90(1-2) 29-58
Ethiopia, structural geology 77(3-4) 179-210
metal ores 61(3-4) 295-322
South Africa, metal ores 59(1-2) 43-71
Wilson Terrane
geochemistry 75(3-4) 157-174
metamorphic rocks 93(2-3) 235-258
metamorphism 75(3-4) 141-156
Wilsonbreen Formation
carbonates 53(3-4) 281-299
Wilton Dome
volcanism 94(3-4) 225-250
Wind River Range
petrology 89(3-4) 145-173
Windaning Formation
petrology 78(4) 237-260
Windermere System
73(1-4) 101-121; 100(1-3) 121-150
algae 61(3-4) 241-278
Wirrda Suite
magmas 79(3-4) 371-394
Wisconsin *see* Nonesuch Shale
Wishbone Suite
geochemistry 67(3-4) 207-241
Witkop Formation
petrology 67(3-4) 277-320
sedimentary petrology 67(3-4) 243-276
Witputs Basin
Proterozoic 63(3-4) 247-272
Wittenoom Formation
Archean 72(3-4) 247-261
sedimentary petrology 60(1-4) 287-335; 60(1-4) 337-359
Witwatersrand
Archean 97(3-4) 191-214
gold ores 95(3-4) 167-185
metal ores 61(3-4) 279-293; 91(1-2) 65-90
structural geology 55(1-4) 187-200; 55(1-4) 571-587
Witwatersrand Supergroup *see also* Central Rand Group
53(3-4) 243-266; 97(3-4) 215-251
Wollaston fold belt
tectonophysics 69(1-4) 11-24
wollastonite
Australia, fluid inclusions 66(1-4) 309-323
Wongwibinda migmatite complex
geochronology 71(1-4) 251-263
Wonoka Formation 73(1-4) 3-26; 100(1-3) 97-108; 100(1-3) 121-150
Wononka Formation
Proterozoic 92(1) 65-87
Woodroffe Thrust
Proterozoic 71(1-4) 155-181
Woolgangie Supersuite
geochemistry 83(1-3) 133-183
Woongarra Rhyolite
Proterozoic 99(1-2) 33-64
wrench faults
Brazil 86(3-4) 155-176
Quebec 92(2) 145-164
Western Australia 88(1-4) 207-231
Wuluma Granite
structural geology 72(1-2) 43-67
Wumishan Formation 52(1-2) 167-178
Wundirgi Formation
Proterozoic 71(1-4) 107-129
Wutai Complex
intrusions 56(1-2) 1-31
phase equilibria 93(2-3) 181-199
Wutai Mountains
intrusions 56(1-2) 1-31
paleobotany 57(1-2) 135-163
Wutaishan Orogeny
tectonics 78(1-3) 95-103
Wyloo Group
Archean 79(1-2) 3-24
Proterozoic 99(1-2) 33-64

Wyman Formation 60(1-4) 69-98
Wyoming *see also* Beartooth Mountains; Black Hills; Gallatin Range; Green River Formation; Wyoming Province
petrology 82(3-4) 237-263
Wind River Range 89(3-4) 145-173
Wyoming Province
Archean 91(3-4) 295-307
Cretaceous 63(1-2) 97-122
metal ores 58(1-4) 85-97; 58(1-4) 99-119
petrology 78(1-3) 41-52; 89(3-4) 145-173
stratigraphy 87(1-2) 1-18
tectonics 55(1-4) 155-168
xenoliths
51(1-4) 161-172
Brazil 51(1-4) 283-314; 87(1-2) 19-32
India, geochronology 77(1-2) 17-22
Northern Territory Australia, Proterozoic 71(1-4) 91-105
orogeny 55(1-4) 507-524
Quebec, geochemistry 52(1-2) 37-51
Russian Federation 62(4) 419-430
South Africa 52(1-2) 115-132; 75(1-2) 1-15; 78(1-3) 139-150
Sri Lanka, structural geology 66(1-4) 21-37; 66(1-4) 39-57
Western Australia, geochemistry 83(1-3) 133-183
xenotime
Proterozoic 51(1-4) 337-350
Zimbabwe, Archean 91(3-4) 269-285
Xieshuihe Formation
sedimentary structures 59(3-4) 315-323
Xinjiang China
paleomagnetism, Tarim Basin 70(1-2) 113-143
Xizang China
structural geology 55(1-4) 571-587
Y *see* yttrium
Yakutia Russian Federation *see also* Aldan River
stratigraphy 73(1-4) 251-270
Yamba Suite
geochemistry 67(3-4) 207-241
Yambo Subprovince
geochronology 89(3-4) 101-127
Yan Shan *see* Yanshan Range
Yangtze Plate
China
paleomagnetism 94(1-2) 1-10
plate tectonics 81(1-2) 129-144
Yangtze Platform
geochemistry 80(1-2) 23-48; 89(1-2) 77-86; 97(1-2) 59-75
natural gas 54(1) 45-63
Yangtze River
Cambrian 93(2-3) 215-233
Yangtze Three Gorges
paleomagnetism 100(1-3) 313-334
Yanshan Range
paleobotany 57(1-2) 135-163
Yaounde Series
Archean 67(3-4) 321-347
Yapungku Orogeny
metamorphism 83(4) 243-265
Yarunganyi Granite
geochronology 71(1-4) 45-68
Yb *see* ytterbium
Yellowknife Group
metal ores 58(1-4) 1-24
Yerrida Group
metal ores 90(3-4) 119-140
Yeshwanthanagar Formation
geochemistry 72(1-2) 69-95
Yilgangi Fault
structural geology 83(1-3) 11-42
Yilgarn Block
Archean 52(3-4) 275-300; 61(1-2) 1-26; 97(3-4) 269-302
folds 83(1-3) 43-56
geochemistry 83(1-3) 109-132; 83(1-3) 133-183
gold ores 51(1-4) 85-113
magmas 83(1-3) 203-219
metal ores 58(1-4) 55-70; 90(3-4) 119-140; 96(3-4) 143-181
petrology 51(1-4) 51-83; 68(3-4) 307-321; 78(1-3) 165-178; 78(4) 237-260; 83(1-3) 1-10; 83(1-3) 1-219; 96(1-2) 125-139
stratigraphy 97(3-4) 155-164
structural geology 68(1-2) 43-64; 75(1-2) 47-63; 78(1-3) 179-196; 83(1-3) 11-42; 83(1-3) 57-81; 83(1-3) 83-107; 83(1-3) 185-201; 85(3-4) 147-171
ytterbium
Canada, geochemistry 81(1-2) 3-14
yttrium
Ethiopia, magmas 76(1-2) 3-14
India, geochemistry 61(1-2) 137-164
Ontario, geochemistry 54(2-4) 173-194
petrology 51(1-4) 161-172
South Africa, geochemistry 79(1-2) 37-55
Sweden, petrology 82(1-2) 85-99
Yuanbaoshan Granite
geochronology 97(1-2) 43-57
Yudomian
Russian Federation 73(1-4) 251-270
Yukon Territory *see* Mackenzie Mountains
Zakanaka Deposit
gold ores 88(1-4) 249-265
Zambeze Valley *see* Zambezi Valley
Zambezi Belt
geochemistry 81(3-4) 179-196
geochronology 63(3-4) 189-209
paleomagnetism 69(1-4) 269-280
tectonics 98(1-2) 67-82
Zambezi Valley
tectonics 98(1-2) 67-82
Zambia
geochronology 63(3-4) 189-209
uranium ores 58(1-4) 215-240
Zanzibar Gneiss
petrology 93(4) 299-337
Zaris Basin
Proterozoic 63(3-4) 247-272
Zhaowei Formation
Cambrian 57(3-4) 243-323
Zimbabwe *see also* Belingwe greenstone belt; Great Dyke; Limpopo Belt
geochemistry 81(3-4) 179-196
tectonics 98(1-2) 67-82
Zimbabwe Craton
Archean 97(3-4) 269-302
metamorphism 55(1-4) 1-5; 55(1-4) 407-427
petrology 55(1-4) 259-277
structural geology 55(1-4) 173-186; 55(1-4) 187-200; 55(1-4) 539-552; 55(1-4) 553-570; 55(1-4) 571-587; 91(1-2) 15-39; 96(3-4) 263-288
zinc ores
Africa, sedimentary petrology 67(3-4) 243-276
Arabian Peninsula 58(1-4) 169-194
Canada 58(1-4) 401-426
New South Wales Australia 90(3-4) 203-238; 98(1-2) 1-10
Russian Federation 58(1-4) 121-141
South Africa 91(1-2) 65-90
South Australia 79(3-4) 281-305
Western Australia 88(1-4) 67-82; 96(3-4) 143-181; 98(3-4) 243-270
zircon
Africa, petrology 78(1-3) 105-124; 93(4) 299-337
Algeria, structural geology 65(1-4) 155-166
Antarctic Ocean, metamorphism 89(3-4) 175-205
Antarctica
geochronology 75(3-4) 175-188
Mesozoic 75(3-4) 251-262
metamorphic rocks 93(2-3) 235-258
Appalachians, geochronology 99(1-2) 113-146
Arctic Ocean, structural geology 64(1-4) 131-152
Arctic region, petrology 70(3-4) 215-234
Australia
Archean 79(1-2) 25-35
Proterozoic 99(3-4) 271-308
Belarus, tectonophysics 68(3-4) 231-240
Bolivia, metamorphism 94(1-2) 73-99
Brazil

Archean 63(3-4) 179-188
petrology 68(3-4) 241-255; 78(1-3) 151-164; 95(1-2) 9-39; 95(1-2) 41-67
Proterozoic 52(3-4) 321-335
structural geology 79(3-4) 347-361
tectonophysics 53(1-2) 1-22; 81(3-4) 299-310; 82(1-2) 35-62
Burkina Faso, sedimentary petrology 80(3-4) 153-172
Cameroon, Archean 67(3-4) 321-347
Canada
Archean 93(1) 5-26
geochronology 91(3-4) 383-399
orogeny 86(3-4) 117-154
Canadian Shield
Archean 92(3) 277-295; 97(1-2) 77-97
crust 99(3-4) 197-224
stratigraphy 69(1-4) 1-10
structural geology 68(3-4) 291-306
Chile, metamorphism 94(1-2) 73-99
China
crust 78(1-3) 79-94
geochronology 97(1-2) 43-57
Proterozoic 62(1-2) 171-190; 84(3-4) 197-220
tectonics 78(1-3) 95-103
Colorado, Cretaceous 63(1-2) 97-122
Egypt, Proterozoic 59(1-2) 15-32
Estonia
geochemistry 79(3-4) 209-226
tectonophysics 68(3-4) 231-240
Europe
paleomagnetism 69(1-4) 25-50
petrology 74(1-2) 57-72
Finland
petrology 95(1-2) 89-107
Precambrian 64(1-4) 109-130
Proterozoic 51(1-4) 227-243
structural geology 64(1-4) 295-309
French Guiana, structural geology 92(2) 165-194
Ghana
geochronology 56(1-2) 89-96; 67(1-2) 89-107
gold ores 89(3-4) 129-143
Greenland
Archean 62(3) 239-270; 93(1) 5-26
geochronology 91(3-4) 383-399
petrology 78(1-3) 1-39; 81(1-2) 67-82
Proterozoic 63(1-2) 163-178
structural geology 93(1) 87-104
India
geochemistry 62(1-2) 127-137
geochronology 93(2-3) 139-151; 94(3-4) 251-271
Israel, metamorphism 98(1-2) 107-127
Ivory Coast
petrology 80(3-4) 173-191
tectonics 86(3-4) 177-199
Korea, volcanism 89(1-2) 47-57
Labrador
orogeny 80(3-4) 239-260
petrology 51(1-4) 315-336; 81(1-2) 67-82
Proterozoic 99(1-2) 65-90
structural geology 70(3-4) 169-190
Latvia, geochemistry 79(3-4) 209-226
Malawi, petrology 85(1-2) 27-51
Manitoba
geochronology 68(1-2) 1-21
structural geology 72(1-2) 147-167
Mauritania, Archean 90(3-4) 107-117
Mexico
metamorphism 94(1-2) 73-99
Proterozoic 96(3-4) 245-262
Montana, Archean 91(3-4) 295-307
Namibia, magmas 92(4) 341-363
New Mexico, Cretaceous 63(1-2) 97-122
New York, Proterozoic 96(3-4) 245-262
Newfoundland
orogeny 80(3-4) 239-260
petrology 51(1-4) 315-336; 81(1-2) 67-82
Proterozoic 99(1-2) 65-90
structural geology 70(3-4) 169-190
Niger, folds 67(1-2) 59-88
North Carolina, Proterozoic 68(1-2) 81-95
Northern Territory Australia
geochronology 71(1-4) 45-68; 71(1-4) 207-227
Proterozoic 71(1-4) 3-15; 71(1-4) 69-89; 71(1-4) 91-105; 71(1-4) 107-129; 71(1-4) 155-181; 71(1-4) 315-346
structural geology 72(1-2) 43-67
volcanism 94(3-4) 225-250
Northwest Territories
petrology 77(1-2) 59-89
structural geology 93(1) 27-49
Norway, Proterozoic 87(3-4) 117-135
Ontario
Archean 76(3-4) 191-211
geochemistry 74(1-2) 73-89; 82(3-4) 265-285; 92(4) 365-387
magmas 53(3-4) 199-231
petrology 72(3-4) 263-281; 78(1-3) 53-63; 81(3-4) 155-178; 92(2) 117-128
structural geology 89(1-2) 25-45
Proterozoic 51(1-4) 337-350
Quebec
deformation 92(2) 145-164
metamorphic rocks 90(1-2) 59-83
petrology 72(3-4) 263-281
structural geology 93(1) 27-49
Queensland Australia
geochronology 71(1-4) 131-153; 89(3-4) 101-127
volcanism 94(3-4) 225-250
Rocky Mountains, petrology 78(1-3) 41-52
Romania, orogeny 80(3-4) 281-301
Russian Federation
Archean 78(4) 197-210
crust 64(1-4) 189-195; 91(3-4) 333-363
intrusions 54(2-4) 195-210; 62(4) 453-472
petrology 62(4) 375-397; 64(1-4) 197-205; 75(1-2) 31-46
plate tectonics 89(1-2) 1-23
Saskatchewan
geochronology 95(3-4) 187-223
structural geology 72(1-2) 147-167
Scotland, Archean 62(3) 239-270
South Africa
Archean 53(3-4) 243-266; 79(1-2) 25-35
geochemistry 55(1-4) 451-467
geochronology 62(1-2) 83-101; 95(3-4) 225-243
gold ores 95(3-4) 167-185
lava 78(1-3) 125-138
metasomatism 92(2) 129-144
South Australia
Proterozoic 71(1-4) 155-181; 94(3-4) 205-224
stratigraphy 87(3-4) 135-159
Spitsbergen, petrology 70(3-4) 215-234
Sri Lanka
geochronology 66(1-4) 111-121; 66(1-4) 123-149
Proterozoic 66(1-4) 151-181
Sudan
plate tectonics 53(1-2) 99-118
Proterozoic 59(1-2) 15-32
Swaziland, petrology 67(1-2) 109-139
Sweden
geochemistry 64(1-4) 319-335
geochronology 77(1-2) 91-103
magmas 95(1-2) 109-127
orogeny 64(1-4) 225-238
petrology 52(3-4) 231-243; 95(1-2) 147-166
plate tectonics 92(1) 1-20
Precambrian 64(1-4) 109-130
Proterozoic 64(1-4) 361-388; 87(3-4) 117-135; 92(4) 319-339
structural geology 70(3-4) 235-251; 94(1-2) 29-48; 98(3-4) 173-195
tectonophysics 91(1-2) 143-179
Texas, metamorphism 94(1-2) 73-99
Ukraine, petrology 78(1-3) 65-78
Virginia, Proterozoic 68(1-2) 81-95
Western Australia
Archean 52(3-4) 275-300; 56(3-4) 169-189; 61(1-2) 1-26; 65(1-4) 297-317; 91(3-4) 309-332
geochronology 95(3-4) 225-243
magmas 83(1-3) 203-219

petrology 68(3-4) 307-321; 78(1-3) 165-178; 78(4) 237-260; 88(1-4) 3-23
plate tectonics 88(1-4) 143-171
Proterozoic 60(1-4) 69-98; 71(1-4) 3-15
structural geology 59(1-2) 95-123; 83(1-3) 57-81; 88(1-4) 53-66; 94(1-2) 11-28
tectonophysics 91(1-2) 181-227
volcanism 60(1-4) 175-183
Wyoming
Archean 91(3-4) 295-307
petrology 89(3-4) 145-173
Zambia, geochronology 63(3-4) 189-209
Zimbabwe
Archean 91(3-4) 269-285
geochemistry 55(1-4) 451-467
tectonics 98(1-2) 67-82
zirconium
Canadian Shield, geochemistry 94(3-4) 139-173
Ethiopia, metamorphic rocks 80(3-4) 261-279
India, geochemistry 61(1-2) 137-164
Ontario, geochemistry 54(2-4) 173-194; 82(3-4) 265-285
Zoetfontein Gneiss
petrology 93(4) 299-337